# 2017 Annual Report

## For

# Groundwater Impacts

## At

# Naval Weapons Industrial Reserve Plant
# Bethpage, New York

**JUNE 2017**

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## ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| µg/L | microgram per liter |
| ARAR | Applicable or Relevant and Appropriate Requirement |
| BCP | Bethpage Community Park |
| BWD | Bethpage Water District |
| bgs | below ground surface |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| C.F.R. | Code of Federal Regulations |
| COC | chemical of concern |
| DCA | 1,1-dichloroethane |
| DCE | cis-1,2-dichloroethene |
| DERP | Defense Environmental Restoration Program |
| ERP | Environmental Restoration Program |
| FR | Federal Register |
| GAC | granulated activated carbon |
| gpm | gallon per minute |
| HDR | Henningson, Durham, and Richardson Architecture and Engineering P.C. |
| LTM | long-term monitoring |
| LUC | land use control |
| MCL | maximum contaminant level |
| mgd | million gallon per day |
| msl | mean sea level |
| MWD | Massapequa Water District |
| NAVFAC | Naval Facilities Engineering Command |
| NCP | National Oil and Hazardous Substances Pollution Contingency Plan |
| NG | Northrop Grumman |
| NCDOH | Nassau County Department of Health |
| NWIRP | Naval Weapons Industrial Reserve Plant |
| NYAW | New York American Water (formerly AQUA New York) |
| NYCRR | New York Codes, Rules, and Regulations |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health |
| O&M | operation and maintenance |
| ONCT | Onsite Containment System |
| OU | Operable Unit |
| PCE | tetrachloroethene |
| PWSCP | Public Water Supply Contingency Plan |
| RAO | remedial action objective |
| ROD | Record of Decision |
| SFWD | South Farmingdale Water District |
| TCA | 1,1,1-trichloroethane |
| TCE | trichloroethene |
| TTNUS | Tetra Tech NUS |
| U.S. | United States |
| USACE | U.S. Army Corps of Engineers |
| U.S. EPA | United States Environmental Protection Agency |
| USGS | United States Geological Survey |
| WIIN | Water Infrastructure Improvements for the Nation |
| VOC | volatile organic compound |
| VPB | vertical profile boring |

# 1.0 INTRODUCTION

This 2017 Annual Report addresses volatile organic compounds (VOCs) in groundwater downgradient of the former Navy-owned, Northrop Grumman-operated Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage and the separate former Northrop Grumman-owned and Northrop Grumman-operated industrial facility adjacent to the former NWIRP (Figures 1-1 and 1-2).

This document was developed in response to Title VII, Subtitle E, Section 7502 of the Water Infrastructure Improvements for the Nation (WIIN) Act of 2016, which requires the Secretary of the Navy to submit this initial Annual Report by June 14, 2017 and annual reports thereafter, to the United States Congress. The requirements of the Act are as follows:

> "(1) a description of the status of the groundwater contaminants that are leaving the site [former NWIRP Bethpage and two former Northrop Grumman facilities] and migrating to a location within a 10-mile radius of the site, including -
>
> (A) detailed mapping of the movement of the plume over time; and
>
> (B) projected migration rates of the plume;
>
> (2) an analysis of the current and future impact of the movement of the plume on drinking water facilities; and
>
> (3) a comprehensive strategy to prevent the groundwater contaminants from the site from contaminating drinking water wells that, as of the date of the submission of the report, have not been affected by the migration of the plume."

This report describes the status and strategy primarily for what is known as the Operable Unit (OU) 2 Plume, which consists of impacted groundwater downgradient of the former NWIRP and one of the two former Northrop Grumman facilities. The groundwater contaminants associated with the former NWIRP and Northrop Grumman facilities are identified in the New York State Department of Environmental Conservation (NYSDEC) 2001 Record of Decision (ROD) for OU2 Groundwater – Northrop Grumman and Naval Weapons Industrial Reserve Plant Sites (Site Numbers 1-30-003A & B) and the Navy 2003 ROD for NWIRP Bethpage, New York OU2 – Groundwater (NYS Registry 1-30-003B). These documents list chlorinated VOCs in groundwater, primarily trichloroethene (TCE), that have migrated south of the former NWIRP and Northrop Grumman facilities (NYSDEC, 2001 and Navy, 2003).

There are other plumes adjacent to and within the footprint of the OU2 Plume that have sources other than NWIRP and Northrop Grumman facilities. Hooker Ruco (a Superfund Site) and some local dry cleaners and gasoline stations are likely contributing to the footprint of the OU2 Plume (Figure 1-3). In addition, NYSDEC issued the Bethpage Park – Former Grumman Settling Ponds and Adjacent Areas (Bethpage Community Park) 2013 OU3 ROD, Nassau County Site No. 1-30-003A to address VOCs from another adjacent former Northrop Grumman facility (NYSDEC, 2013). While investigations have identified other chemicals, including cadmium and chromium in the on-facility groundwater wells, currently, there is no

evidence that these chemicals are present in off-facility groundwater; and therefore, these other chemicals are not discussed in this report.

The NYSDEC OU2 2001 ROD, Navy OU2 2003 ROD, and NYSDEC Bethpage Community Park OU3 2013 ROD provide strategies and identify response actions to mitigate offsite groundwater impacts to possible receptors, and to protect human health and the environment from actual or threatened releases of hazardous substances. These response actions include:

- Installation and continued operation of on-site containment systems consisting of groundwater extraction wells and treatment plants to capture and treat VOCs before they migrate off facility from the former NWIRP and/or Northrop Grumman facilities (OU2 and OU3).
- Offsite groundwater capture and treatment of hotspots at the GM38 Area Hotspot (OU2) (in operation), the RW21 Area Hotspot (OU3) (under construction), and the RE108 Area Hotspot (OU2) (in design), with the objective of weakening the plume and limiting its downgradient migration.
- Continued monitoring and tracing of the plumes through the installation of vertical profile borings and monitoring wells.
- Installation of wellhead treatment for impacted and prospectively-impacted public water supply wells.

These response actions continue to be effective and protective of human health and the environment. The Navy and Northrop Grumman continue to work closely with NYSDEC in implementing the ROD remedies. Northrop Grumman and the Navy are currently planning additional groundwater hotspot area extraction and treatment systems that will further weaken the off-facility plumes and limit its migration towards downgradient public water supply wells. Due to these measures, the remedy for the off-facility groundwater is currently protective of human health and the environment.

The Navy holds Restoration Advisory Board meetings twice per year in Bethpage to inform the community of the actions being taken by the Navy to clean up soil and groundwater at/from the former NWIRP facility. The public as well as representatives of NYSDEC, New York State Department of Health (NYSDOH), Nassau County Department of Health (NCDOH), United States Environmental Protection Agency (U.S. EPA), Town of Oyster Bay, and the local water districts are invited to attend. Actions being conducted by the Navy to address groundwater contamination, including monitoring, treatment, and other protective measures are discussed at these meetings. Navy, Northrop Grumman, NYSDEC, NYSDOH, U.S. EPA, and local water districts also participate in separate quarterly meetings to facilitate progress.

The Navy maintains a public repository, which includes supporting technical documents and correspondence related to NWIRP Bethpage, at the following location:

Bethpage Public Library
47 Powell Avenue
Bethpage, New York 11714
(516) 931-3907

A public web site with the Administrative Record can be accessed at the following web page:

http://go.usa.gov/DyXF

## 1.1 BACKGROUND

The Navy Environmental Restoration Program (ERP) is implemented pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. Secs. 9601-9675, and Defense Environmental Restoration Program (DERP), 10 U.S.C. Secs 2701 – 2711 to address Navy and Marine Corps facilities that were contaminated with hazardous substances or pollutants or contaminants.

## 1.2 REPORT ORGANIZATION

This report is organized as shown in the Table of Contents. Acronyms and abbreviations are presented after the Table of Contents. Figures and appendices are provided at the end of the document.

# 2.0 SITE BACKGROUND

This section provides a summary of background information for the former NWIRP Bethpage and Northrop Grumman facilities, the surrounding area, and the OU2 and OU3 groundwater plumes.

## 2.1 NWIRP BETHPAGE FACILITY INFORMATION

NWIRP Bethpage is located in Nassau County on Long Island, New York; approximately 30 miles east of New York City (Figure 1-1). Starting in World War II, NWIRP Bethpage was established in 1942 for the research prototyping, testing, design engineering, fabrication, and primary assembly of military aircraft. At its peak operation, the facilities at NWIRP Bethpage included four plants used for assembly and prototype testing; a group of quality control laboratories, two warehouse complexes (north and south), a salvage storage area, water recharge basins, an Industrial Wastewater Treatment Facility, and several smaller support buildings (Figure 1-2).

NWIRP Bethpage was a government-owned facility operated by Northrop Grumman until 1996. As a result of Northrop Grumman's decision to terminate operations at NWIRP Bethpage, the U.S. Congress passed special legislation under Section 2852 of the National Defense Authorization Act of 1998 (P.L.105-85, 111 Stat. 1629), permitting conveyance of the Navy real property at NWIRP Bethpage to Nassau County, New York for economic redevelopment. NWIRP Bethpage originally included a main parcel of approximately 105 acres and a separate parcel of approximately 4.5 acres located to the north of the main parcel.

In 2002, the Navy transferred the 4.5 acre parcel to Nassau County. On February 26, 2008, the Navy transferred 96 acres of the 105-acre main parcel to Nassau County and is leasing the remaining 9 acres to Nassau County. Two Navy Environmental Restoration sites located on the main parcel that were transferred, Site 2 – Recharge Basins and Site 3- Salvage Storage Area, require land use controls (LUCs) and Five-Year Reviews as a part of the selected remedy. These LUCs are in place and reviews are being conducted, as required. The nine-acre parcel the Navy retains for environmental investigation and remediation includes Navy Environmental Restoration Site 1 – the Former Drum Marshalling Area and Site 4 – Former Underground Storage Tank area. Upon successful remediation of the nine-acre parcel, it will also be transferred to Nassau County. The transfer and lease documents provide LUCs and notifications of areas in which residual impacts remain.

From 1998 to 2011, activities occurring at the former 105-acre NWIRP Bethpage included facility maintenance (security and mowing), storage of Nassau County impounded vehicles, and environmental investigations and/or remediation of soil, groundwater, and soil vapor.

In 2011, Steel-Los III, LP bought 84 acres of the 96-acre property that the Navy had transferred to Nassau County and has been renovating the facility to attract new tenants. Nassau County has retained the remaining 12 acres for economic development. The Navy-owned nine-acre parcel being leased to Nassau County was also subleased to Steel-Los III, LP in 2011. Steel-Los III currently utilizes the owned and leased properties for light industrial and commercial activities, miscellaneous outdoor storage, and as a

movie production set. Steel-Los III, LP maintains security for the facility. Since 2011, the Navy has continued environmental investigations and response activities on the 9-acre parcel.

Until the 1990s, Northrop Grumman owned approximately 500 acres of property that was adjacent to and surrounded much of the former NWIRP (Figure 1-2). Since that time Northrop Grumman has sold most of the 500 acres of property. Until 1962, Northrop Grumman also owned a parcel of land in addition to its 500 acres of property, which NYSDEC described in its OU3 ROD as the Former Grumman Settling Ponds and Adjacent Areas. Northrop Grumman had transferred this parcel to the Town of Oyster Bay in 1962 for construction of the Bethpage Community Park.

### 2.1.1 Surface Features

The former NWIRP Bethpage and Northrop Grumman facilities are located on a relatively flat, glacial outwash plain. The facilities and nearby vicinity are highly urbanized. Because of this, most of the natural physical features have been reshaped or destroyed. The topography at the former NWIRP Bethpage is relatively flat with a gentle slope toward the south. Elevations range from greater than 140 feet (above mean sea level [msl]) in the north to less than 110 feet (above msl) at the southwest corner. The dominant features at the NWIRP facility are Plant 3 (the former manufacturing facility), North Warehouses, South Warehouses, and three groundwater recharge basins located at Site 2. The recharge basins are each approximately 1.5 to 2.5 acres in area and about 30 to 40 feet deep, (Figure 1-2). Similar features were present at the former Northrop Grumman facility, including Plants 1 and 2, which are former manufacturing facilities and recharge basins along the southern and southwestern borders of the former Northrop Grumman facility. An air strip was also present at the former Northrop Grumman facility.

### 2.1.2 Surrounding Land Use

Currently, the land surrounding the former NWIRP Bethpage is primarily a mixture of commercial and residential development. The residential development surrounding much of the former NWIRP and Northrop Grumman facilities is located in the Hamlets of Bethpage and Plainedge, located in the Town of Oyster Bay, and the Hamlets of Levittown and Hicksville, located in the Town of Hempstead.

## 2.2 GEOLOGY

The former NWIRP Bethpage and Northrop Grumman facilities are underlain by approximately 1,100 feet of unconsolidated sediments that overlie crystalline bedrock (Isbister, 1966). The unconsolidated sediments consist of four distinct geologic units: the Upper Glacial Formation; Magothy Formation; Raritan Clay; and Lloyd Sand Formations (McClymonds and Franke, 1972). The Upper Glacial Formation (glacial deposits) forms the surface deposits across the entire NWIRP. This formation consists primarily of coarse sands and gravels, and is approximately 30 to 45 feet thick. Variations in the thickness of the glacial deposits are common due to undulating contact with the underlying Magothy Formation. The Upper Magothy Formation consists primarily of coarse sands to a depth of approximately 100 feet, below which finer sands, silts, and clay predominate. Individual clay units (also called “clay lenses”) significantly increase below subsurface depths of 100 feet, but are laterally discontinuous; no individual clay horizon of

regional extent underlies the facilities in the Magothy. The 100 to 150-foot thick Raritan Clay Formation underlies the Magothy Formation at a depth of approximately 700 to over 1,000 feet below the ground surface (bgs). The underlying Lloyd Sand Formation is approximately 300 feet thick.

## 2.3 HYDROGEOLOGY

Most of Long Island is bisected by an east-west-trending regional groundwater divide (see Section 4.0). The former NWIRP Bethpage and Northrop Grumman facilities occupy an area of recharge, lying south of the divide where regional groundwater flows southward toward South Oyster Bay and the Atlantic Ocean. Groundwater is in contact with the lower portion of the Upper Glacial and Upper Magothy Formations beneath the facilities. With limited distinction between the formations, groundwater may be considered a common unconfined aquifer. The glacial deposits underlying the facilities are characterized by a high porosity (in excess of 25 percent). Most of the glacial deposits are above the groundwater table in the former NWIRP area; however, the high permeability of the glacial deposits allows for rapid recharge of the Magothy Formation from precipitation (Isbister, 1966; McClymonds and Franke, 1972). The number and thickness of clay lenses increase with depth in the Magothy Formation; however, these clay units are laterally discontinuous and do not function as a fully-developed confining unit within the aquifer.

The Magothy aquifer is used to supply large quantities of water for domestic, agricultural, commercial, and industrial uses on Long Island. Based on water level measurements from 2010 to 2016, groundwater across NWIRP Bethpage flows to the south-southeast and the elevation ranges from approximately 73 to 70 feet above msl at the facility. The groundwater ultimately discharges to South Oyster Bay, which is at sea level, approximately seven miles south of the NWIRP facility. Higher groundwater velocities can occur in gravel zones and/or in response to pumping stresses. Subtle vertical hydraulic gradients occur in a downward direction. Groundwater in the Magothy Formation is considered a sole source aquifer (NYSDEC Class GA), and is the primary source of potable water for Nassau County. Groundwater is encountered at a depth of approximately 50 feet bgs at the facilities.

From the 1960s to the 1990s, Northrop Grumman operated 16 deep production wells (seven wells on the NWIRP facility and nine wells on the Northrop Grumman facility). Extracted water from these production wells was used primarily for non-contact single-pass cooling for plant operations. The wells were screened within the Magothy Formation and each yielded approximately 1,200 gallons per minute (gpm). The majority of the wells were located along the western edge of the facilities. Based on the location and extraction rates, the pumping action of these production wells caused groundwater on the NWIRP facility to flow predominantly west and southwest. In addition, the pumping action of these production wells would also be expected to cause groundwater further west of them to flow east and be captured by these wells.

The production wells extracted groundwater from depths of approximately 280 to 500 feet bgs. Water was discharged into nearby surficial recharge basins. The extraction from the production wells and near surface recharge resulted in vertical gradients across the facilities that would enhance the downward migration of chemicals that may be in the groundwater. Most of the production wells on the former NWIRP and Northrop

Grumman facilities have been decommissioned. Currently, as part of the OU2 On-Site Containment (ONCT) System operated by Northrop Grumman, two of the Northrop Grumman production wells and three additional containment (response action) wells operate with a combined flow rate of approximately 4,600 gpm or 6.4 million gallons per day (mgd) (Figure 1-2). The OU2 ONCT system removes VOCs from the groundwater and limits the migration of VOC-impacted groundwater south of these extraction wells.

## 2.4 GROUNDWATER CONCEPTUAL SITE MODEL

A conceptual site model was developed for these facilities to describe the migration of VOC-impacted groundwater from the various sources through the groundwater aquifer to potential receptors (i.e., public water supply wells). The VOCs in groundwater that may have migrated from the former NWIRP Bethpage and Northrop Grumman facilities are identified in the NYSDEC OU2 2001 ROD, Navy OU2 2003 ROD, and the NYSDEC Bethpage Community Park OU3 2013 ROD. The RODs also address residual VOC-impacted groundwater beneath the former Northrop Grumman and NWIRP facilities. The VOC releases from these facilities form a 3,000-acre plus horizontal area of multiple VOC-impacted groundwater plumes that extend south of Hempstead Turnpike. The VOC-impacted groundwater extends to a depth of approximately 750 feet, but it is not continuous throughout this area and is not present at all depths. Other groundwater plumes, not associated with the former NWIRP or Northrop Grumman facilities, are known or believed to be present in the area that include the Hooker Ruco Superfund Site and some local dry cleaners and gasoline stations which are likely contributing to the footprint of the OU2 plume (Figure 1-3). Furthermore, there is evidence that additional plumes are present to the north and west of the facilities that may be impacting groundwater on or south of the former Northrop Grumman and NWIRP facilities (Figure 1-3). Figure 2-1 depicts the conceptual site model that identifies the following primary NWIRP and Northrop Grumman VOC groundwater plumes.

Shallow Plumes - VOCs are located in the groundwater between approximately 50 and 300 feet bgs. The VOCs include a mixture of individual organics, including TCE, tetrachloroethene (PCE), 1,1,1-trichloroethane (TCA), and 1,1-dichloroethane (DCA) and are generally found at concentrations of 0.5 to 10 micrograms per liter (µg/L) for each contaminant. There are multiple shallow plumes that result from a range of potential sources including the former NWIRP and former Northrop Grumman facilities, as well as dry cleaners, gasoline stations, and residential properties (i.e., septic systems) that in combination form a series of unique, layered, non-continuous plumes throughout the area. Higher concentrations of VOCs (greater than 10 µg/L) were found on the former NWIRP and former Northrop Grumman facilities, but these VOCs have been mostly remediated through response actions conducted at the sources (e.g., NWIRP Site 1 Air Sparge/Soil Vapor Extraction System) and/or by containment systems at the former facility boundaries (e.g., NWIRP and Northrop Grumman OU2 and the Bethpage Community Park OU3 containment systems). Plumes that have migrated beyond these boundaries represent the other plumes described below.

GM38 Area Hotspot (OU2) - VOCs were located in the groundwater between 300 to 500 feet bgs approximately 1.6 miles southeast of the former NWIRP Bethpage. Before the GM-38 treatment system

was installed in 2009, the hotspot encompassed an area of approximately 38 acres and contained a mixture of TCE, PCE, cis-1,2-dichloroethene (DCE), TCA, and DCA with concentrations ranging between 100 to 2,000 µg/L. Groundwater from this hotspot is being treated by the GM38 Area Hotspot (OU2) Treatment System and groundwater concentrations have decreased by over 80 percent.

Deep Western Plume (OU2) - VOCs are located in the groundwater between 300 to 750 feet bgs southwest of the former NWIRP Bethpage, in the western portions of the former NWIRP and Northrop Grumman facilities and the Hooker Ruco Superfund Site. The plume continues south of Hempstead Turnpike. Although this plume likely resulted from multiple sources, including the former NWIRP Bethpage and Northrop Grumman facilities, the apparent origin and depth of this plume appears to be associated with the extensive historic pumping conducted in this area. This plume is predominately TCE, with lower concentrations of other VOCs. VOC concentrations range between 50 to 8,200 µg/L. This plume is typically 100 to 200 feet thick north of Hempstead Turnpike, and thins outs to the south.

- *RE108 Area Hotspot (OU2)* - In 2011, a hotspot was identified 1.5 miles south of the former NWIRP Bethpage. It is a subset of the Deep Western Plume (OU2). The hotspot is estimated to be approximately 170 acres and is present at a depth of approximately 520 to 720 feet bgs. This hotspot is predominantly TCE, with lower concentrations of other VOCs. VOC concentrations range between 1,000 to 8,200 µg/L. A treatment system is currently being designed.

Deep Eastern Plume (OU3) - VOCs are located in the groundwater between 300 to 650 feet bgs south and hydraulically downgradient of the Bethpage Community Park. The plume continues toward Hempstead Turnpike. This plume contains a mixture of primarily TCE and DCE, with concentrations ranging between 50 µg/L to over 10,000 µg/L.

- *RW21 Area Hotspot (OU3)* – The hotspot was identified in the NYSDEC Bethpage Community Park 2013 OU3 ROD as “presently located approximately 2,500 feet upgradient of and approaching, the Bethpage Water District No. 4 well field.” It is a subset of the Deep Eastern Plume. This hotspot contains a mixture of primarily TCE and DCE, with concentrations ranging from approximately 1,000 µg/L to over 10,000 µg/L and is present at a depth of approximately 550 to 750 feet bgs. The RW21 Area Hotspot (OU3) and the Deep Eastern Plume (OU3) are deeper than the GM38 Area Hotspot (OU2) groundwater in this area, and therefore flow under the GM38 Area Hotspot (OU2).

# 3.0 GROUNDWATER PLUME STATUS

This section describes the current and historical understanding of the off-facility groundwater plumes, and provides estimated migration rates. For discussion purposes, the regional groundwater system is separated into four depth-based intervals, as follows: (1) less than 300 feet bgs; (2) 300 to 500 feet bgs; (3) 500 to 700 feet bgs; and (4) greater than 700 feet bgs. These depth intervals correspond to the predominant groundwater flow pathways and associated plume movements through the aquifer. The intervals cut through portions of the Deep Eastern and Deep Western Plumes as described in Section 2.4.

TCE is the primary VOC in the off-facility groundwater and forms the largest of the individual VOC groundwater plumes. However, there are some areas of VOC-impacted groundwater where TCE and associated byproducts are not present (e.g. benzene and methyl tert butyl ether). As a result, these plumes may not be associated with the former NWIRP or Northrop Grumman facilities and the source of these other VOCs is uncertain.

The groundwater results are obtained from the vertical profile boring (VPB) program and monitoring well data. The VPB program advances soil borings at strategic locations and collects groundwater samples for VOC laboratory analyses at intervals ranging from every 50 feet in the 50 to 200 feet bgs depth range to every 20 feet below 200 feet bgs depth range. This sampling provides detailed VOC results from the water table down to over 1,000 feet bgs. Based on the results from the VPB program, permanent monitoring wells are installed at each location. The monitoring well screen depths are selected based on the location of permeable flow zones, and the current or potential future presence of VOCs within those flow zones. Although more limited in vertical coverage, the monitoring wells provide reproducible data that can be tracked over time. Additional details of the VPB and monitoring well program are described in Section 5.2.

## 3.1 CURRENT CONDITIONS

The current (2016) estimates of the TCE-impacted groundwater (TCE greater than 5 µg/L) potentially associated with the former NWIRP and Northrop Grumman facilities are presented in Figures 3-1 through 3-4, for the depth intervals of 0 to 300 feet bgs, 300 to 500 feet bgs, 500 to 700 feet bgs, and greater than 700 feet bgs, respectively. The development of these isoconcentration contours is based on analytical results and groundwater flow. Public water supply extraction wells are also shown on figures where the depth of the extraction well screen (i.e., groundwater intake point) coincides with the appropriate depth interval. For example, Bethpage Water District (BWD) well BWD-6-1 (BWD-3876) with a screened depth of 328 to 381 feet is shown on Figure 3-2 (300 to 500 feet bgs interval). The groundwater results discussed below represent the highest concentration detected at each location. For most of the locations and depth intervals, the vertical extent of the contamination is found in only a portion of the depth interval (e.g., the plume may only be 20 to 50 feet thick in a depth interval of 200 feet). More detailed location- and depth-data is provided in Appendix A.

The following sections describe the current (2016) distribution of VOCs, primarily TCE, at four depth intervals, each of which encompasses multiple plumes and/or hotspots:

- Shallow VOC-Impacted Groundwater, 0 to 300 feet bgs
- Intermediate-Depth VOC-Impacted Groundwater, 300 to 500 feet bgs
- Upper Deep VOC-Impacted Groundwater, 500 to 700 feet bgs
- Lower Deep VOC-Impacted Groundwater, greater than 700 feet bgs.

**Shallow VOC-Impacted Groundwater, 0 to 300 Feet bgs (see Figure 3-1)**: The western edge of the shallow VOC-impacted groundwater is shown in Figure 3-1 as originating near the western edge of the former Northrop Grumman facility and extends 3.3 miles to the south-southeast. The eastern edge of the shallow VOC-impacted groundwater originates near the Bethpage Community Park and extends 3.6 miles to the southeast and south-southeast. Although illustrated as one overall area of contamination, the shallow plumes are actually a series of individual plumes that are separated horizontally and vertically from each other due to the release point, migration, and vertical gradients. In addition, these plumes commonly vary by chemical characteristics of the original source (e.g., TCE versus PCE) and aquifer conditions (other organics that may result in the formation of degradation products such as DCE). In addition, because of the operation of groundwater extractions and treatment systems and the discharge of treated water back into the shallow aquifer resulting in the flushing of the aquifer, there are likely large portions of the aquifer that are compliant with Federal and State Drinking Water Standards throughout this shallow aquifer that are not depicted on this figure. The interpreted, irregular shape of the southern portion of the VOC plume likely results from the combined releases from multiple locations over time, variable migration rates, and attenuation within the aquifer.

In much of the shallow zone in the southern-most portion of the investigation area near Southern State Parkway, several VPBs demonstrated that TCE was either not present, or were present at concentrations less than Federal or State Drinking Water Standards (i.e., Maximum Contaminant Levels [MCLs]).

**Intermediate-Depth VOC-Impacted Groundwater, 300 to 500 Feet bgs (see Figure 3-2):** The spatial distribution for TCE in this depth interval is less extensive than for the shallower depth interval described above. While the western and eastern TCE boundaries are similar to those of the shallower zone, the southern extent of the TCE detections is more limited.

The areal extent of TCE contours greater than 100 µg/L and 1,000 µg/L are more extensive than those identified in the shallower depth interval. An area of elevated TCE concentrations in groundwater is present along the western boundary in this depth interval. Also, along the western boundary, the extension of TCE impacts in groundwater beyond the inferred western boundary of the OU2 plume (based on groundwater flow direction) suggests that other (non-Northrop Grumman or non-NWIRP) sources may be impacting the plume. The source of this other contamination is uncertain. Additional groundwater investigations are

being conducted to better define the source of this contamination to the west of the former Northrop Grumman facility.

The residual impacted groundwater associated with the GM38 Area Hotspot (OU2) (greater than 100 µg/L contour) remains vertically separate from the lower Deep Eastern Plume (OU3). Since 2009, the TCE concentrations in the GM38 Area Hotspot (OU2) have been significantly reduced through the operation of the associated extraction, treatment, and discharge system.

**Upper Deep VOC-Impacted Groundwater, 500 to 700 Feet bgs (see Figure 3-3):** The spatial distribution for TCE in this depth interval is less extensive than for the shallower zones described above and the difference between the Deep Western (OU2) and the Deep Eastern (OU3) Plumes are more defined. This depth interval is estimated to contain the majority of contaminant mass in both the Deep Western (OU2) and the Deep Eastern (OU3) Plumes.

The Deep Western (OU2) Plume extends further south than the two shallower zones described above, to a distance of approximately 1 mile south of Hempstead Turnpike. The Deep Eastern Plume (OU3) is depicted in Figure 3-3 as ending north of Hempstead Turnpike; however, there is an absence of data south of the plume to confirm its southern extent. While not graphically depicted in this report, because it does not appear to be associated with the former NWIRP or Northrop Grumman facilities, there is evidence of a relatively pure Freon-113 plume (VPB-165) along the western edge of the Deep Western Plume (OU2) that appears to be influenced by additional plumes further north and west of the former NWIRP and Northrop Grumman facilities (Appendix A). In particular, the plumes associated with the former NWIRP and Northrop Grumman facilities have TCE as the primary component of the total VOCs present, whereas Freon-113 is only a minor component.

The RE108 Area Hotspot (OU2) (a subset of the Deep Western Plume [OU2]) and the RW21 Area Hotspot (OU3) (a subset of the Deep Eastern Plume [OU3]) are also located in this depth interval. The TCE concentrations in the RE108 Area Hotspot (OU2) range from 1,000 to 8,200 µg/L and the TCE concentrations in the RW21 Area Hotspot (OU3) range from 1,000 to 13,200 µg/L.

**Lower Deep VOC-Impacted Groundwater, Greater than 700 Feet bgs (see Figure 3-4):** The spatial distribution for TCE in this depth interval generally follows the footprint of the 500 to 700 feet bgs depth interval; however, the TCE concentrations in this zone are present at a maximum concentration of 1,800 µg/L, which is substantially lower in concentration than the 500 to 700 feet bgs depth interval. For the Deep Western Plume (OU2), the presence of TCE at concentrations greater than 1,000 µg/L are believed to have been influenced by the operation of a nearby public water supply well (Bethpage Water District Well 6-2, screened from 700 to 770 feet bgs) pulling groundwater from the 500 to 700 feet bgs depth interval downward. For the Deep Eastern Plume (OU3), there were a few TCE MCL exceedances noted below 700 feet bgs.

## 3.2 MAPPING OF VOC PLUMES OVER TIME

Since 2001, the understanding of the Northrop Grumman and NWIRP OU2 and Bethpage Community Park OU3 plumes has developed significantly based on data collected from VPBs and new groundwater monitoring wells installed during this time period. While migration of TCE-impacted groundwater to the south would be expected during this time period, pumping and natural attenuation processes that decrease concentrations would also occur.

Figures 3-5 through 3-8 provide temporal mapping of TCE in groundwater for the four depth intervals of: less than 300 feet bgs (Figure 3-5); 300 to 500 feet bgs (Figure 3-6); 500 to 700 feet bgs (Figure 3-7); and greater than 700 feet bgs (Figure 3-8). Each of the figures identifies the TCE plumes for the years 2001, 2006, 2011 and 2016. The TCE contours were developed using available groundwater data for those years. Additional details for each of the TCE maps are presented in Appendix B and data for the other VOCs are presented in Appendix A. Major changes to the TCE plumes for the four depth intervals from 2001 through 2016 are discussed below.

**Shallow VOC-Impacted Groundwater, 0 to 300 Feet bgs (see Figure 3-5)**: The shallow TCE-impacted plume exhibits some relatively minor variations in the boundaries depicted in Figure 3-5 that result primarily from inclusion of new data and refinement of the edges over time. In 2001, the shallow TCE-impacted plume is depicted as extending south of Hempstead Turnpike; and there were two isolated areas of higher TCE concentrations (TCE greater than 100 or 1,000 µg/L), one near Hempstead Turnpike and one associated with the GM38 Area Hotspot (OU2).

Between 2001 and 2006, several VPBs were installed south of the Bethpage Community Park that identified TCE (and other VOCs) greater than 100 and 1,000 µg/L in that area. Between 2006 and 2016, additional investigations south of the Bethpage Community Park were used to refine the boundaries of the greater than 100 and 1,000 µg/L contours in that area.

The GM38 Area Hotspot (OU2) (TCE greater 1,000 µg/L) is shown on both the 2001 and 2006 maps. As a result of the startup of the GM38 Area Hotspot (OU2) Treatment System in 2009, the groundwater concentrations in this area are less than 100 µg/L in this depth interval in 2011 and 2016.

The southernmost plume boundaries depicted for 2001 and 2006 are nearly equivalent because only limited new data was available (one new well was added in that area during this time). Between 2006 and 2011, additional VPBs were installed in the southern portion of the plume area, confirming the absence or low (less than MCL) detections of TCE. In 2016, several new VPB results further refined the southern extent of the plume boundary, indicating the presence of two distinct lobes.

**Intermediate-Depth VOC-Impacted Groundwater, 300 to 500 Feet bgs (see Figure 3-6):** With the exception of the Deep Eastern Plume, the variations in the plume boundaries depicted in Figure 3-6 result primarily from inclusion of new data that was collected over time. In 2001, the TCE groundwater plume is depicted as extending south of Hempstead Turnpike; and there were three isolated areas of higher TCE

concentrations, near Hempstead Turnpike, the GM38 Area Hotspot (OU2), and Bethpage Water District Plant 6.

Between 2001 and 2006, several VPBs were installed south of the Bethpage Community Park that identified TCE (and other VOCs) greater than 100 and 1,000 µg/L in that area. Between 2006 and 2016, the boundaries of the greater than 100 and 1,000 µg/L contours south of the Bethpage Community Park were better defined. This area is referred to as the Deep Eastern Plume (OU3).

The GM38 Area Hotspot (OU2) (greater 1,000 µg/ contour) is shown on both the 2001 and 2006 maps. As a result of the startup of the GM38 Area Hotspot (OU2) Treatment System in 2009, the corresponding 1,000 µg/L contour in that area is no longer present in the 2011 and 2016 maps. By 2016, the 100 µg/L contour remains, but the TCE and other VOC concentrations in the area continue to decrease.

Before 2006, there was only limited data to support the development of the Deep Western Plume (OU2). Between 2001 and 2006, one well in this area had a TCE concentration greater than 1,000 µg/L, but concentrations quickly decreased to less than 1,000 µg/L by December 2003. The extent of the Deep Western Plume (OU2) was then identified and refined through subsequent investigations in the area. Also, investigations along the western boundary indicate that the Deep Western Plume (OU2) may result from multiple sources, not all of them definitively associated with former NWIRP and Northrop Grumman facilities.

Between 2001 and 2006, only four monitoring wells were present in the southern portion of the plume areas. The 2006 TCE concentrations for the four wells ranged up to 1.4 µg/L and were similar to TCE concentrations in nearby VPBs up to 2 µg/L (Appendix B). Between 2006 and 2016, additional VPBs were installed in the southern portion of the plume areas, confirming the absence or low level detections of TCE (Appendix B).

**Upper Deep VOC-Impacted Groundwater, 500 to 700 Feet bgs (see Figure 3-7):** In 2001, the western portion of the TCE groundwater plume is depicted in Figure 3-7 as extending south of Hempstead Turnpike; and there was one isolated area of higher TCE concentrations, extending from near the southwestern corner of the former Northrop Grumman facility south toward Hempstead Turnpike. This plume is referred to as the Deep Western Plume (OU2). In 2006 and 2011, there was no evidence of high concentrations (greater than 1,000 µg/L) of TCE in this area. Subsequent investigations found higher concentrations of TCE and a portion of the Deep Western Plume (OU2) was identified as the RE108 Area Hotspot (OU2).

As of 2006, there was limited evidence of what would become the Deep Eastern Plume (OU3). Between 2006 and 2016, supplemental investigations in the Deep Eastern Plume (OU3) identified and then refined the RW21 Area Hotspot (OU3).

Between 2001 and 2006, two new wells were sampled in the southern portion of the Deep Western Plume (OU2). The 2006 results from the two wells reported an absence of TCE and confirmed the results of nearby VPBs (an absence of TCE) (Appendix B). Between 2006 and 2016, additional VPBs and wells were

sampled in the southern portion of the Deep Western Plume (OU2). The detection of TCE in the borings resulted in a slight widening of the plume boundaries south of Hempstead Turnpike.

**Lower Deep VOC-Impacted Groundwater, Greater than 700 Feet bgs (see Figure 3-8):** In 2001, the TCE groundwater plume in this depth interval is depicted in Figure 3-8 as a relatively small area near Hempstead Turnpike that resulted from one detection of TCE at 120 µg/L and one detection of TCE at 2 µg/L. Additional data collected through 2016, resulted in refinement of the areal extent of this initial area, and also identified the presence of more contaminated groundwater (TCE greater than 1,000 µg/L) in the area south of Bethpage Water District Plant 6. This more contaminated groundwater is referred to as the RE108 Area Hotspot (OU2).

### 3.3 VOC PLUME MIGRATION RATES

Groundwater and the associated VOC plume migration rates are estimated using hydrogeological data collected from Northrop Grumman and NWIRP wells in 2016 and values of aquifer hydraulic conductivities from recent field studies (Appendix C). Plume migration rates may vary from the groundwater flow rates due to non-uniform flow pathways, dilution, area-wide pumping by supply wells, and targeted VOC mass removal from groundwater by remedial wells.

The 2016 groundwater data included measured groundwater depths (i.e., levels) at area-wide monitoring wells. The levels were converted to elevation and plotted on regional maps to determine groundwater iso-elevation contour maps. The groundwater iso-elevation contour maps were developed for the four depth intervals: less than 300 feet bgs (Figure 3-9); 300 to 500 feet bgs (Figure 3-10); 500 to 700 feet bgs (Figure 3-11); and greater than 700 feet bgs (Figure 3-12). With this level of detail, groundwater flow velocities could be estimated for various locations in the study area and for different vertical hydrogeological zones.

The migration of VOCs is dependent on several factors. On a microscopic scale, groundwater (and groundwater contaminants) moves through open pore spaces in saturated aquifer sediments comprised of gravel, sand, silt, and clay in response to elevation and/or pressure-head differences (i.e., hydraulic gradients) between two locations. Over large areas, the “average linear velocity” provides an estimate of how long it would take groundwater (and a non-reactive chemical) to move in an aquifer. Average linear velocity is computed using hydraulic conductivity, hydraulic gradient (determined from a groundwater contour map), and effective porosity (i.e., specific yield).

Detailed hydrogeological calculations are presented in Appendix C. The evaluations are based on pumping test data collected from trials at Bethpage Water District Well 6-2 (Tetra Tech, 2014 and Resolution, 2016) and GM38 Area Hotspot Treatment System (OU2) (Tetra Tech, 2010). Hydraulic gradients are presented in Figures 3-9 through 3-12. These groundwater flow paths cover the entire study area and would incorporate effects from pumping wells active at the time of the measurements (May 2016). The month of May represents a moderate pumping period for local water districts, between the minimum pumping rates that occur in the winter months, and peak pumping rates that occur in the summer months. The results of this evaluation indicate that groundwater flow rates and directions are highly variable based on depth within

the aquifer and location relative to pumping water wells. Additional location specific migration rates are discussed in Section 4.2.

# 4.0 CURRENT AND FUTURE IMPACTS TO DRINKING WATER FACILITIES

This section discusses well fields currently impacted or that may be impacted by VOCs associated with the former Northrop Grumman and NWIRP facilities. This section also identifies those well fields with treatment systems to remove the VOCs migrating or potentially migrating from the former Northrop Grumman and NWIRP facilities.

Figure 4-1 shows the former Northrop Grumman and NWIRP facilities, the 2016 estimated extent of VOC plumes in groundwater potentially associated with the former Northrop Grumman and NWIRP facilities, and public water supply well fields near the former Northrop Grumman and NWIRP facilities. The light blue east-west line on Figure 4-1 north of the former Northrop Grumman and NWIRP facilities represents the regional Long Island groundwater divide, groundwater north of this line flows northward toward Long Island Sound and groundwater south of this line flows southward towards the Atlantic Ocean (Como, et al., 2015). As shown on Figure 4-1, the former Northrop Grumman and NWIRP facilities are south of the line so groundwater flow is to the south; therefore, only well fields south of the groundwater divide are relevant to discussions in this section.

Shown on Figure 4-1 are public water supply well fields with VOC treatment systems (red or yellow stars). In addition, the figure shows other public water supply well fields south and potentially hydraulically downgradient of the former Northrop Grumman and NWIRP VOC plumes that do not have treatment (green triangles) and are near or within the potential groundwater flow path (red dashed line). Locations represented by the green triangles are well fields that could be affected if VOC-impacted groundwater were to travel those distances from the former Northrop Grumman and NWIRP facilities, without significant attenuation, at the depth of the extraction well screen. Because of these factors, this evaluation is very conservative and it is unlikely that all of these well fields would be impacted by former Northrop Grumman and NWIRP VOC plumes. The area depicted within the red dashed lines near South Oyster Bay is widened to reflect uncertainty with groundwater flow path in that area.

## 4.1 CURRENT IMPACTS

Due to VOC impacts of the groundwater or imminent threat of VOCs affecting groundwater quality, as discussed more fully below, well-head treatment systems have been placed at certain public water supply well fields operated by Bethpage Water District (BWD), South Farmingdale Water District (SFWD), and New York American Water (NYAW) to ensure that MCL-compliant water (i.e., water that meets or exceeds Federal and State drinking water quality standards) is provided to their customers. In addition, quarterly groundwater monitoring of wells is conducted to evaluate whether or not additional upgrades would be required. These public water supply wells have been providing MCL-compliant water for over 25 years.

### 4.1.1 Bethpage Water District

Between 1990 and 1996, the Navy and Northrop Grumman funded treatment systems that were installed at the three impacted well fields operated by the Bethpage Water District Plants 4, 5, and 6 (Figure 1-2,

Bethpage Water District Well Nos. 4-1, 4-2, 5-1, 6-1, and 6-2). At Plant 4, due to increasing concentrations of VOCs associated with the Deep Eastern Plume (OU3), Bethpage Water District implemented an upgrade of the treatment system in 2010. At Plant 5, the treatment system is continuing to effectively treat the VOCs in groundwater. At Plant 6, due to increasing VOC concentrations, Bethpage Water District installed liquid-phase granular activated carbon (GAC) polishing in 2011, which the United States reimbursed. Bethpage Water District is also in the process of planning another upgrade of the treatment system for Plant 6 that the United States has committed to fund.

### 4.1.2 South Farmingdale Water District

Pursuant to an agreement with South Farmingdale Water District, in 2011, based on the detection of low-level VOCs in outpost monitoring wells, the United States funded South Farmingdale Water District's design, construction, operation, and maintenance of a VOC treatment system for two of the three wells at Plant 1 (Figure 1-2, South Farmingdale Water District Well Nos. 1-2 and 1-3). In order to provide advance warning of potential contamination at the third (deeper) well, in 2008, the Navy installed additional outpost wells to monitor the quality of the water that may be captured by the third well.

Pursuant to an agreement with South Farmingdale Water District, in 2013, based on the detection of VOCs in outpost monitoring wells, the United States funded South Farmingdale Water District's design, construction, operation, and maintenance of a VOC treatment system at Plant 3 (Figure 1-2, South Farmingdale Water District Well No. 3-1).

### 4.1.3 New York American Water (formerly AQUA New York)

As a result of increasing detections of low-level (less than MCL) TCE in wells at the New York American Water (formerly AQUA New York) supply wells located at the Seaman's Neck Road Facility, the Navy constructed VOC treatment for an interim system in 2012 and completed the permanent system in 2015 (Figure 1-2, New York American Water Well Nos. 3S and 4S).

## 4.2 POSSIBLE FUTURE IMPACTS

In the area of the former Northrop Grumman and NWIRP facilities, and from other nearby facilities that may also be contributing to the VOC-impacted plumes, groundwater regionally flows to the south and southeast. As a result, possible future impacts would be limited to those areas. The current TCE plume boundaries are presented in Figures 3-1 to 3-4. There are other plumes adjacent to and within the footprint of the OU2 Plume that have sources other than former NWIRP and Northrop Grumman facilities. Hooker Ruco (a Superfund Site) and some local dry cleaners and gasoline stations are likely contributing to the footprint of the OU2 Plumes (Figure 1-3).

The public water supplies that are currently not impacted by the former Northrop Grumman and NWIRP groundwater plumes, but are relatively closer to the downgradient edge of the plumes are South Farmingdale Water District Well 1-4, and South Farmingdale Water District Well Nos. 6-1 and 6-2 (Figure 1-2). These wells do not currently have treatment systems in place, but outpost monitoring wells were

installed to provide early indication of when treatment might be necessary for each of these well fields (Figures 3-2 to 3-4). The outpost monitoring wells are placed at depths associated with the public water supply wells and are located between the plumes and the public water supply wells such that VOCs would have to flow through outpost monitoring wells several years prior to entering the public water supply wells. The advance notice of VOCs provides early warning that an action is needed.

As the various groundwater plumes move to the south and southeast, they are undergoing dilution, and are affected by pumping, and VOC mass removal systems that serve to weaken them. In addition, portions of these plumes are being intercepted by water supply wells with treatment that would further hinder migration. Each of these actions reduces the intensity of the plumes. The result is that many of the water districts to the south may never be impacted, or if they are impacted, the effects from the plumes may not be seen for decades.

For South Farmingdale Water District Plant 6, based on site-specific hydrogeological calculations presented in Appendix C, groundwater in this area could travel from the currently known edge of the OU2 plume to South Farmingdale Water District Wells 6-1 and 6-2 (a distance of 2,800 feet) in approximately 11 years. However, plume migration in this area would be hindered by the operation of South Farmingdale Water District Plant 3 and New York American Water (both with VOC treatment), and it is unclear whether or not the plume would ever reach South Farmingdale Water District Wells 6-1 and 6-2. Because of uncertainty inherent in this type of calculation, outpost wells are in place to provide five-year advance notice so that installation of treatment at these supply wells can be initiated, if necessary.

For Massapequa Water District Wells 4 and 5, it is unclear whether or not the VOC plume would be able to reach these wells, because the migration would be hindered by the pumping of multiple water supply wells at South Farmingdale Water District Plants 3 and 6 and New York American Water – Seamans Neck Road Facility that operate between the OU2 plume edge and Massapequa Water District wells. In addition, operation of the RE108 Area Hotspot Treatment System would be expected to further limit mass flow of VOCs toward the South Farmingdale Water Districts and New York American Water District Plants, and thereby further limit mass flow toward Massapequa Water District.

The impact of South Farmingdale Water District and New York American Water groundwater pumping on limiting continued plume migration to the south toward Massapequa Water District wells is indicated by the low point in the groundwater contours shown in Figures 3-11 and 3-12 in the area of Southern State Parkway. The arc in the 35-foot groundwater elevation contour on Figure 3-11, near South Farmingdale Water District Well 3-1, indicates that groundwater is converging towards that well. The closed-loop, 25- and 30-foot groundwater elevation contours on the figures suggest that groundwater from the north and south is converging towards South Farmingdale Water District Plant 6 and New York American Water wells. Groundwater flow in this area is based on groundwater elevation data at wells BPOW 6-1 through BPOW 6-6, north of Southern State Parkway, and the 35-foot groundwater elevation contours south of Southern State Parkway on both figures. Figures 3-11 and 3-12 show ridges of higher groundwater elevations at well

BPOW 6-4 (500 to 700 feet bgs zone) and wells BPOW 6-3 and BPOW 6-6 (greater than 700 feet bgs zone). Groundwater north of these ridges will flow primarily to the north, and groundwater south of these ridges will flow to the south. These contours indicate that some portion of groundwater is being captured by the South Farmingdale Water District and New York American Water wells that are located several thousand feet north of Massapequa Water Supply Wells 4 and 5.

VOCs in the 0 to 300 feet bgs plumes are not expected to impact the South Farmingdale Water District and Massapequa Water District wells, since the VOC concentrations in the Shallow Plumes are low, and movement of VOCs from the shallow aquifer zone to deep water supply wells is inhibited by the presence of low-permeability, clay-rich layers and substantially lower vertical hydraulic conductivities.

# 5.0 COMPREHENSIVE STRATEGY FOR OFFSITE GROUNDWATER

## 5.1 OVERVIEW AND REMEDIAL ACTION OBJECTIVES

There are several RODs that address groundwater potentially impacted by VOCs beneath both former NWIRP and Northrop Grumman facilities and also address groundwater potentially impacted by VOCs that had migrated beyond both facilities into the surrounding community. In 2001, NYSDEC issued its OU2 ROD to select the groundwater remedy and set forth the public water supply protection program.

Under its CERCLA authority, Navy evaluated and adopted significant portions of the NYSDEC OU2 2001 ROD that could be implemented by the Navy. The Navy OU2 2003 ROD selected cleanup actions to address contamination at and from the NWIRP. The Navy OU2 remedial program implements a remedy for groundwater that is protective of human health and the environment, is permanent and cost-effective, and complies with Applicable and Relevant and Appropriate Requirements (ARARs). The primary goal of the remedy is to effectively mitigate significant threat to public health and the environment through the proper application of scientific and engineering principles.

The Navy 2003 ROD addresses onsite and offsite OU2 VOC-contaminated groundwater, and specifies the following remedial action objectives to protect human health and the environment:

- Eliminate, to the extent practicable, site-related contaminants from the affected public water supplies and to prevent, to the extent practicable, the future contamination of public water supplies through the implementation of the offsite groundwater remediation.
- Eliminate, to the extent practicable, exposures to contaminated groundwater.
- Eliminate, to the extent practicable, off-site migration of contaminated groundwater and, where practicable, to restore the groundwater to pre-disposal conditions.
- Eliminate, to the extent practicable, exceedances of applicable environmental quality standards related to releases of contaminants to the waters of the state.
- Eliminate, to the extent practicable, detections of site-related VOC contamination affected drinking water supplies using U.S. EPA Method 502.2 to a detection limit of 0.5 µg/l.

## 5.2 COMPREHENSIVE STRATEGY AND REMEDIAL ACTIONS

The Navy and Northrop Grumman have implemented multiple response actions as part of their groundwater cleanup programs to achieve the Remedial Action Objective (RAOs) in the off-facility groundwater. RAOs are site-specific goals based on the chemicals of concern (COCs), the impacted media, COC fate and transport, potential exposure routes and receptors. RAOs provide a clear and concise description of what the remedial action should accomplish. The remedial program to address offsite groundwater contamination includes the following:

- The OU2 ONCT System to minimize migration of VOC impacted water downgradient, thus weakening the offsite plumes.

- An active remedial program including design, implementation, and operation and maintenance (O&M) of an extraction well system near the GM38 location (operating since 2009) that further weakens the plume. The extraction wells have removed significant VOC mass from the aquifer.
- Development of Public Water Supply Contingency Plan (PWSCP) (ARCADIS, 2003) that would use the VPB and monitoring well data along with groundwater modeling to target outpost monitoring well locations and to develop trigger values.
    - Installation of outpost monitoring wells that can provide early notice of any impending impacts to public water supplies from the VOC plume.
    - A provision for wellhead treatment for public water supply systems or alternative approach pursuant to the PWSCP.
- Installation of VPBs and monitoring wells to continue identification and monitoring of the spatially and temporally evolving VOC plume and to determine the need for future outpost monitoring wells.
- Detailed reviews conducted every five years to evaluate the effectiveness of the offsite groundwater remedial program and assess whether the remedy continues to be protective of human health and the environment in accordance with CERCLA standards.
- Implementation of well head treatment at public water supply wells.
- An optimization study to evaluate the effectiveness of the groundwater remedial program.
- Evaluation of the other areas of groundwater, to determine whether another hotspot is present.

The Navy, with review and input from NYSDEC and U.S. EPA, continues to work to optimize the remedy, as required. For example, in response to the discovery of the RE108 Area Hotspot (OU2), the Navy is designing an extraction, treatment, and discharge system for VOC mass removal. This RE108 Area Hotspot (OU2) System will further weaken the plume and limit its southward migration.

### 5.2.1 Northrop Grumman Onsite Containment System

Northrop Grumman operates the OU2 ONCT system at the south and southwestern border of the former Northrop Grumman and NWIRP facilities as a component of the NYSDEC OU2 2001 ROD. The OU2 ONCT system was originally constructed as an Interim Remedial Measure consisting of four extraction wells and two treatment systems that started operation in 1998. In 1998, approximately 3,375 gpm of VOC-impacted groundwater were treated. Later a fifth well was added and the system currently treats 4,600 gpm of VOC-impacted groundwater. By containing the portion of the plume(s) that are on-site, the future VOC load to the downgradient public water supplies is reduced.

The OU2 ONCT data, as reported and evaluated by Northrop Grumman, indicate that the onsite portion of the OU2 groundwater remedy has formed an effective hydraulic barrier that controls the offsite migration of VOC-impacted groundwater to depths of approximately 600 feet bgs. The concentration of VOCs in

downgradient monitoring wells screened to a depth of approximately 500 feet bgs or less have been decreasing as would be expected based on the operation of the OU2 ONCT System. Similarly, the concentrations of VOCs in Bethpage Water District Well 6-1 (screened from 328 to 381 feet bgs) are decreasing as expected, from approximately 200 µg/L in 2001 to 32 µg/L in 2016.

### 5.2.2 GM38 Area Hotspot (OU2) Treatment System Design, Implementation, and Operation and Maintenance

In 2009, the Navy started operation of the GM38 Area Hotspot (OU2) Treatment System, which is approximately 8,500 feet south-southeast and hydraulically downgradient of NWIRP Bethpage (Figure 1-2). The system includes two recovery wells. Extracted groundwater is treated to remove VOCs and is then returned to the groundwater by discharge through Nassau County Recharge Basin #495. Samples are collected from eight monitoring wells to determine its effectiveness. From 2009 to December 2016, approximately 3.5 billion gallons of groundwater containing 10,200 pounds of VOCs were effectively extracted and treated. Quarterly and Annual Reports on the operation and maintenance of the GM38 Area Hotspot (OU2) Treatment System are submitted to NYSDEC.

### 5.2.3 Public Water Supply Contingency Plan

The PWSCP provides for installation and monitoring of outpost (or sentinel wells) (ARCADIS, 2003). These wells are proximal to water supply wells and trigger values (or action levels) were established in certain wells that would identify the need for discussions between the Navy, Northrop Grumman, and the affected water district about wellhead treatment or other alternatives. The trigger values provide an approximate five-year warning prior to a VOC detection of 0.5 µg/L in the public water supply wells. In 2015, additional preliminary trigger values were established for South Farmingdale Water District Plant 6 and Massapequa Water District (Resolution, 2015).

### 5.2.4 Installation of Vertical Profile Borings, Monitoring Wells, and Long-Term Monitoring

The Navy program of installing VPBs and associated monitoring wells is ongoing. Additionally, Northrop Grumman has installed its own VPBs and monitoring wells and provides reporting for its own monitoring well program. The Navy and Northrop Grumman report the results of their programs to NYSDEC and other parties. These investigations are also used to identify potential new hotspots, and if found, to delineate the extent of the impacts.

A Long Term Monitoring (LTM) program is ongoing to further define the configuration of the groundwater plumes and to determine effectiveness of remedial measures implemented to date. In the LTM program, there are a total of approximately 190 wells, which are sampled quarterly, semiannually, or annually by Northrop Grumman and Navy, and reported on a quarterly and annual basis.

### 5.2.5 Five-Year Review

In accordance with CERCLA requirements for sites where chemicals remain at concentrations above unrestricted levels, the Navy most recently conducted a five-year review in 2013 (Resolution, 2014). The

review evaluated the effectiveness of the groundwater remedy in protecting human health and the environment. The detailed study concluded that the response actions implemented to meet RAOs are still valid for offsite groundwater, and ensure continued protectiveness by limiting exposure potential to contaminated groundwater.

The review proposed follow-up actions for offsite groundwater as follows:

- Continue to install VPBs and wells to further delineate the extent of the plume, monitor plume migration and attenuation, and serve as sentry points for public water supply wells. Establish trigger values for the new outpost wells and update the PWSCP.
- Continue to investigate capture by the OU2 ONCT system.
- Complete the delineation of the RE108 Areas Hotspot (OU2) with concentrations greater than 1,000 µg/L of VOCs in the area of Bethpage Water District Plant 6 and pursue implementation of a mass removal system in this area.

The Navy has either implemented or is currently pursuing these recommended actions.

### 5.2.6 Well Head Treatment of Public Water Supplies

Wellhead treatment systems were installed and are operating at Bethpage Water District Plants 4, 5, and 6, South Farmingdale Water District Plants 1 and 3, and New York American Water facility at Seamans Neck Road (Figure 4-1). The NYSDEC's Water Quality Regulations that are contaminant-specific are currently being met at these water supplies, through air stripping and/or GAC treatment technologies. The water that is distributed to the community is tested at least monthly to ensure that the drinking water standards promulgated by the NYSDOH are met. The water supplied by these facilities meets all the applicable drinking water standards.

### 5.2.7 Remedy Optimization

The OU2 groundwater remedy has been assessed on two occasions to review its effectiveness since the implementation of the OU2 remedy. The first assessment was detailed in the Remedy Optimization Team Report for the Bethpage Groundwater Plume Remedy (Gavaskar, et al., 2011). For this study, the Navy convened a team of independent nationally-recognized experts to evaluate the effectiveness of the on-going remedy for the Bethpage plumes and recommend potential future steps for optimizing the remedy. In addition to the Navy, this team included third-party technical experts from H2M Group, United States Geological Survey, GSI Environmental Inc., Battelle Memorial Institute, and Virginia Polytechnic Institute and State University. The Optimization Report developed by this team recommended the following:

- Installation of VPBs and monitoring wells to evaluate containment in the deeper portion of the OU2 aquifer.
- Installation of monitoring wells/clusters midway between the leading edge of the plume and Massapequa Water District supply wells to monitor plume progress.

- Evaluation of technical/economic feasibility of plume containment at the current leading edge.
- Enhance the outpost monitoring well network to improve early detection of potential impacts to downgradient public water supply wells.
- Enhance the use of existing infrastructure, such as enhanced pumping at public water supply wells with VOC treatment in place, to increase the capture of VOC-impacted groundwater and reduce associated migration.

To optimize performance of the outpost wells, the Navy is implementing a more robust outpost well program, upgradient of each public water supply well field, and conducting connectivity testing between the well field and the outpost wells. The Navy is also conducting discussions with the water districts and appropriate regulators to evaluate the possibility of enhanced pumping which could reduce plume migration.

Based on the recommendations in the Optimization Team Report, the Navy developed the Study of Alternatives for Management of Impacted Groundwater at NWIRP Bethpage (Tetra Tech, 2012) to evaluate the technical and economic feasibility of alternatives for management of impacted groundwater downgradient of the former Northrop Grumman facility, former NWIRP facility, and other sources. The study concluded that the OU2 ROD remains protective of the public water supplies in the area (i.e., that considerable plume capture is already ongoing via the OU2 ONCT, hot spot treatment, and capture in treatment systems for potentially impacted public water supply wells). Since 2011, the Navy has carried out or is carrying out the following activities for OU2 Groundwater:

- Continued operation of the GM38 Area Hotspot (OU2) Treatment System and sampling of GM38 monitoring wells.
- Strategic installation and sampling of approximately 32 VPBs, 13 outpost wells, and 49 monitoring wells throughout the area.
- Construction and operation of the New York American Water Interim and Final Wellhead Treatment Systems. The final system is operating in compliance with the ROD and the NCDOH permit.
- Funding the South Farmingdale Water District Plant No. 1 Wellhead Treatment System. The system is operating in compliance with the NCDOH permit.
- Funding the South Farmingdale Water District Plant No. 3 Wellhead Treatment System. The system is operating in compliance with the NCDOH permit.
- Funding the Bethpage Water District Plant No. 6 Wellhead Treatment System GAC polishing unit and an agreement to fund a further upgrade of the treatment system. The current treatment system is operating in compliance with the NCDOH permit.

### 5.2.8 Evaluation of Potential Hotspots

The Navy OU2 ROD anticipated that new hotspots may be identified in the future. The potential presence of the RE108 Area Hotspot was initially identified in 2011 based on sustained detections of TCE in Bethpage Water District Well 6-2. The concentration of TCE in Bethpage Water District Well 6-2, (screened from 700 to 770 feet bgs), increased from less than 50 µg/L prior to 2006; to approximately 400 µg/L in 2007 to 2009; to 800 µg/L in 2010; and approximately 1,000 to 1,200 µg/L in 2011 to 2013, respectively. Under sustained pumping, the TCE concentration has remained greater than 1,000 µg/L since 2013. In 2016, the TCE concentration in this well was 1,280 µg/L. In 2011, in response to the higher concentrations of TCE in Well 6-2, liquid phase GAC was added to the treatment system to ensure effective treatment of the groundwater prior to distribution and reduce the migration of VOC impacted groundwater. Pursuant to an agreement, the United States has committed to fund an additional upgrade to the treatment system.

The RE108 Area Hotspot (OU2) is defined by the 1,000 µg/L contour, as shown on Figures 3-3 and 3-4. A VOC mass removal treatment system for this groundwater is being designed.

## 5.3 BETHPAGE COMMUNITY PARK OU3 ROD

The NYSDEC Bethpage Community Park 2013 OU3 ROD selected as the remedy the operation of an onsite containment system (OU3) and a system to capture and treat the RW21 Area Hotspot (OU3) groundwater to the maximum extent practicable (Figure 3-3). The Northrop Grumman's operation of the Bethpage Community Park OU3 onsite containment system is a continuation of an IRM system that started operation in 2009. The extraction wells are located along the southern border of the Bethpage Community Park (Figure 1-2). The OU3 onsite containment system captures VOC impacted groundwater to a depth of approximately 145 feet bgs (ARCADIS, 2016)

The RW21 Area Hotspot represents the core of the Deep Eastern Plume (OU3). Northrop Grumman is in the process of designing and constructing the RW21 Area Hotspot (OU3) Treatment System.

## 5.4 OTHER STRATEGIES CONSIDERED

Several parties have suggested that full plume containment could be implemented as a potential remedy to prevent future impacts to public water supplies south of the former Northrop Grumman and NWIRP facilities. This potential response action was evaluated by NYSDEC in a 2016 Remedial Options Report (HDR [Henningson, Durham, and Richardson Architecture and Engineering P.C.], 2016). As identified in comments on the report, the Navy, Northrop Grumman, and other parties reviewed this report and did not agree with its conclusions. The Navy continues to believe that hydraulic containment of the plume is not practicable because the plumes have evolved into a large, deep, fragmented, and complex collection of groundwater impacts, which continue to evolve. Hydraulic containment is infeasible, would waste enormous amounts of drinkable water, would be cost prohibitive, and could severely damage Long Island's sole-source aquifer. Also, dispersion, pumping, and VOC mass removal by containment and supply wells

continue to weaken the plumes and it is therefore unclear whether or not many of the downgradient supply wells will be impacted by the plumes in the future.

Strategies for clean-up of the plumes have been carefully chosen based upon input from a group of highly qualified engineers and scientists, including personnel from U.S. EPA, U.S. Army Corps of Engineers (USACE), NYSDEC, NYSDOH, U.S. Geological Survey (USGS), and NCDOH, as well as technical representatives from affected and potentially effected water districts. In 2012, the Navy (with concurrence from NYSDEC, U.S. EPA, USACE, and USGS) completed an analysis of remediation technologies, including an evaluation of full plume containment. Full containment was found to be technically and practicably infeasible due to the highly porous nature of Nassau County's geology and the tremendous amount of groundwater pumping that occurs in the region. A full containment approach could create significant negative effects including saltwater intrusion, adverse impacts to sensitive environmental receptors, reduction of groundwater in the aquifer for drinking water consumption, and may lead to condemnation of many family residences or commercial facilities to install wells, pipelines, treatment systems, and treated groundwater disposal locations (wells or ponds) without improving human health protection.

# 6.0 SUMMARY

This 2017 Annual Report for offsite groundwater from the former Northrop Grumman and NWIRP Bethpage, New York was prepared in response to Title VII, Subtitle E, Section 7502 of the 2016 WIIN Act, which requires the Secretary of the Navy to submit this initial report and annual reports to the United States Congress. In accordance with requirements of the 2016 WIIN Act, this report provides the following:

- A description of the status of the groundwater contaminants that are leaving the site and migrating to a location within a 10-mile radius of the site, including:
  - detailed mapping of the movement of the plume over time, and
  - projected migration rates of the plume;
- An analysis of the current and future impact of the movement of the plume on drinking water facilities; and
- A comprehensive strategy to prevent the groundwater contaminants from the site from contaminating drinking water wells that, as of the date of the submission of the report, have not been affected by the migration of the plume.

The contaminants are VOCs identified in the RODs issued by the Navy or NYSDEC that have migrated from the former NWIRP and Northrop Grumman facilities southward. The VOC releases from these facilities form a 3,000-acre plus area of VOC-impacted groundwater that extends south of Hempstead Turnpike. The groundwater impacts extend to a depth of approximately 750 feet, but are not continuous throughout this area and are not present at all depths. There are other nearby known or suspected sources that have contributed to regional groundwater impacts including Hooker Ruco Superfund Site, and various current and former dry cleaners and gasoline stations in the area. Plume migration rates may vary from the groundwater flow rates due to non-uniform flow pathways, chemical dispersion, area-wide pumping by supply wells, and targeted VOC mass removal from groundwater by remedial wells.

VOCs from the former NWIRP and Northrop Grumman facilities have impacted groundwater quality at public water supply well fields operated by Bethpage Water District and New York American Water and are anticipated to impact public water supply well fields operated by South Farmingdale Water District in the near future. Wellhead treatment systems to remove VOCs to comply with Federal and State MCLs have been installed at impacted or soon to be impacted well fields. Outpost monitoring wells, quarterly groundwater sampling, monthly public water supply testing and an ongoing and extensive VPB groundwater sampling program are currently used to continuously monitor and alert nearby water districts and the Navy of the detection of site-related VOCs.

Northrop Grumman reports that the OU2 ONCT System captures known impacted groundwater associated with the former NWIRP and Northrop Grumman facilities and that the Bethpage Community Park OU3 containment system captures impacted groundwater from the former Northrop Grumman facility. For VOC-

impacted groundwater that has migrated past the containment systems, the following actions are being taken:

- The Navy is operating the GM38 Area Hotspot (OU2) Treatment System.
- The Navy is designing Phase I of the RE108 Area Hotspot Treatment System to be located north of Hempstead Turnpike and is planning Phase II, both of which will address areas with elevated VOC-impacted groundwater.
- Northrop Grumman is designing and constructing the RW21 Area Hotspot (OU3) Treatment System.
- Exposure to VOC-impacted groundwater is limited by NCDOH regulations that require monitoring and treatment of the public water supplies, and the public is not exposed to VOC-impacted groundwater due to its depth and wellhead treatment implemented at Bethpage Water District Plants 4, 5, and 6, South Farmingdale Water District Plants 1 and 3, and at New York American Water on Seaman's Neck Road.
- A groundwater monitoring/detection program and additional VPB/well installations are being conducted to continue assessing groundwater quality and identifying any additional actions that may be required.

The Navy continues to implement the remedy selected in its 2003 OU2 ROD for this complex site to protect human health and the environment. The Navy will continue working closely with NYSDEC, NYSDOH, local water districts, and other stakeholders, to coordinate ongoing and future remedial actions. Through implementation of this comprehensive remedial strategy, the drinking water in the area complies with all Federal and State drinking water standards, and is therefore safe to drink.

## REFERENCES


ARCADIS, 2003. Public Water Supply Contingency Plan, Bethpage, New York.

ARCADIS, 2003. Comprehensive Groundwater Model Report: U.S. Naval Weapons Industrial Reserve Plant/Northrup Grumman.

ARCADIS, 2010. DRAFT Comprehensive feasibility study, volume 2— Study area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York, NYSDEC Site # 1–30–003A2010.

ARCADIS, 2016. 2015 Annual Summary Report, Operation, Maintenance, and Monitoring Report for the Bethpage Park Groundwater Containment System, Operable Unit 3 (Former Grumman Settling Ponds, Bethpage, New York. NYSDEC #1-30-003A.

Como, M.D., Noll, M.L., Finkelstein, J.S., Monti, J., Jr., and Busciolano, R., 2015, Water-table and potentiometric-surface altitudes in the Upper Glacial, Magothy, and Lloyd aquifers of Long Island, New York, April–May 2013: U.S. Geological Survey Scientific Investigations Map 3326, 4 sheets, scale 1:125,000, 6-p. Retrieved from pamphlet, https://dx.doi.org/10.3133/sim3326.

Harre, K., Gavaskar, A., Humann, R., Misut, P., Newell, C., Rectanus, H., and Widdowson, M., 2011. Remedy Optimization Team Report for the Bethpage Groundwater Plume Remedy for the Naval Facilities Engineering Command Mid-Atlantic.

HDR (Henningson, Durham, and Richardson Architecture and Engineering P.C.), 2016. Remedial Options Report, Grumman Aerospace-Bethpage Facility. NYSDEC Standby Engineering Contract Work Assignment (#D007625-23).

Isbister, J., 1966. Geology and hydrology of Northeastern Nassau County, Long Island, New York. Water Supply paper 1925. U.S. Geological Survey.

McClymonds, N., and Franke O., 1972. Water Transmitting Properties of Aquifers on Long Island, New York. U.S. Geological Survey Professional Paper 627-E.

Misut, P.E., 2014, Simulation of zones of groundwater contribution to wells at Site GM38, Naval Weapons Industrial Reserve Plant, Bethpage, New York: U.S. Geological Survey Scientific Investigations Report 2014–5036, 58 p, *http://dx.doi.org/10.3133/sir20145036*.

Naval Facilities Engineering Command, 2003. Record of Decision for Operable Unit 2 Groundwater NYS Registry: 1-30-003B Naval Weapons Industrial Reserve Plant Bethpage, New York.

New York State Department of Environmental Conservation, 2001. New York State Department of Environmental Conservation Record of Decision Operable Unit 2 Groundwater Northrop Grumman and Naval Weapons Industrial Reserve Plant Sites Inactive Hazardous Waste Disposal Sites, Town of Oyster Bay, Nassau County, New York Site Nos. 1-30-003A & B.

NYSDEC, 2013. Record of Decision, Northrop Grumman – Bethpage Facility, Operable Unit Number: 03, State Super fund Project, Bethpage, Nassau County, Site No. 130003A.

NWIRP Bethpage Administrative Record: http://go.usa.gov/DyXF

Resolution Consultants, Inc., 2014. 2013 Five-Year Review Operable Unit 1 Sites 1, 2, 3) and Operable Unit 2 (Groundwater) Naval Weapons Industrial Reserve Plant, Bethpage, New York.

Resolution Consultants, Inc. 2015. Trigger Value Development - Addendum to the Operable Unit 2 (OU2) Offsite Groundwater Public Water Supply Contingency Plant (PWSCP).

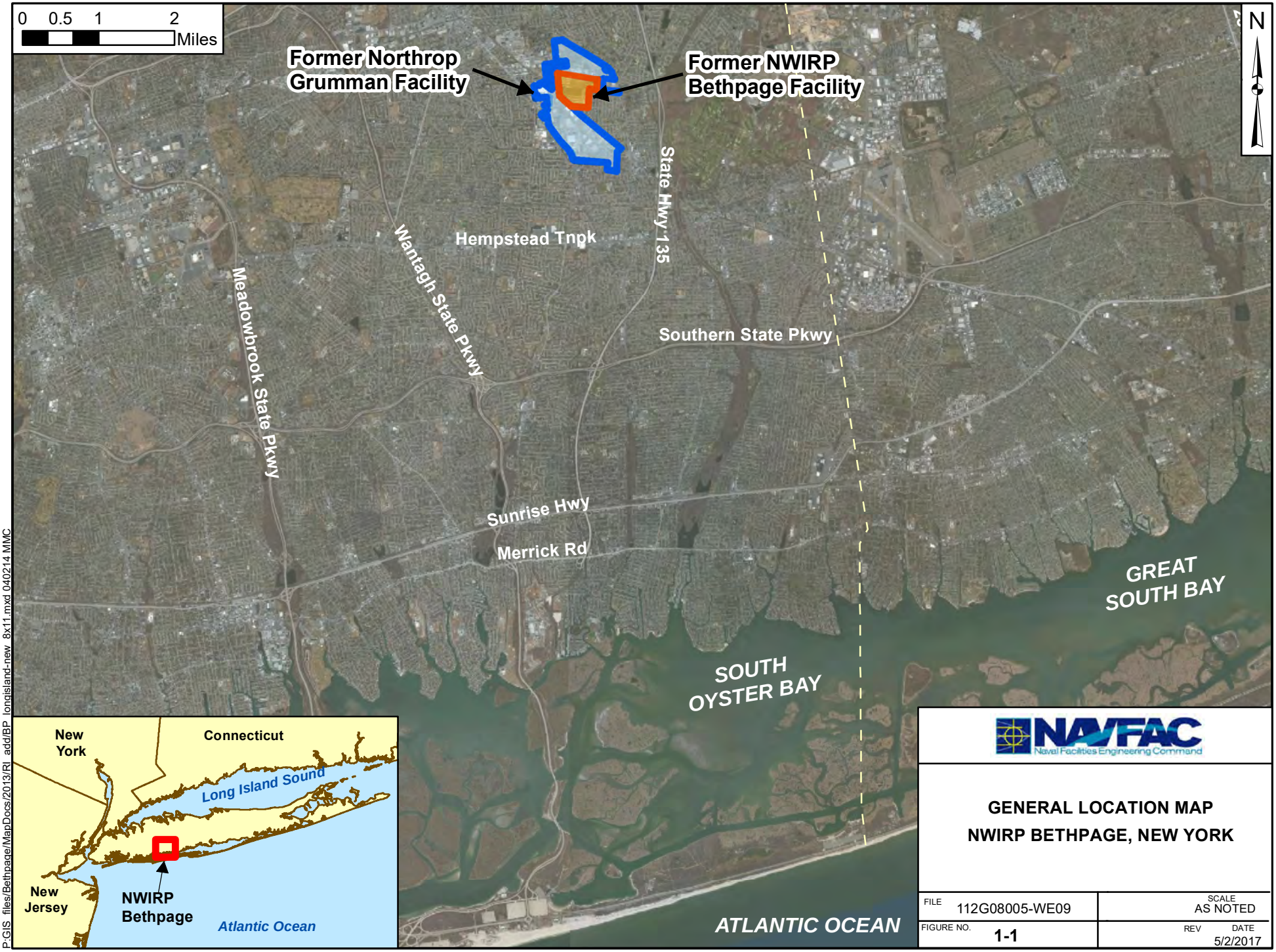
Resolution Consultants, Inc. 2016. Bethpage Water District Well 6-2 Pumping Test.

Spitz, K., and Moreno, 1996. A Practical Guide to Groundwater and Solute Transport Modeling. John Wiley & Sons, Inc, New York, 461 pp.

Tetra Tech, 2010. Capture Zone Evaluation and Path Forward, GM-38 Area Groundwater Treatment Plant, Naval Weapons Industrial Reserve Plant, Bethpage, New York.

Tetra Tech, 2012. Study of Alternatives for Management of Impacted Groundwater at Bethpage, Naval Weapons Industrial Reserve Plant, Bethpage, New York.

Tetra Tech, 2014. Pumping Test Results for Bethpage Water District Well 6-2, Operable Unit No. 2 – Groundwater, Naval Weapons Industrial Reserve Plant, Bethpage, New York.

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NAVFAC Naval Facilities Engineering Command

**GENERAL LOCATION MAP**
**NWIRP BETHPAGE, NEW YORK**

| FILE | SCALE |
|---|---|
| 112G08005-WE09 | AS NOTED |
| FIGURE NO. 1-1 | REV / DATE 5/2/2017 |

Aerial photograph from 2016 New York Statewide Digital Orthoimagery Program (NYSDOP)

N

Former Northrop Grumman Facility

State Hwy 135

S Broadway

HWD-9-2
HWD-9-3

BWD-8
BWD-7

HWD-8-3
HWD-8-1

BWD-1

Site 3
Site 2

Site 1

Bethpage Community Park

Site 4

Hooker Ruco Superfund Site

Former NWIRP Bethpage Facility (105-acre Parcel)

HWD-3-2

On-Site Containment System

GM38 Area Hotspot Groundwater Treatment Plant

BWD-4-1
BWD-4-2

BWD-6-1
BWD-6-2

BWD-5-1

LWD-5A

Hempstead Tpke

SFWD-1-4
SFWD-1-2
SFWD-1-3

LWD-7A
LWD-8A

Hicksville Rd

LWD-13

SFWD-3-1

NYAW-4S
NYAW-3S

SFWD-6-1
SFWD-6-2

**Legend**

- Public Water Supply Well
- Outpost Well
- Response Action Wells
- Bethpage Community Park (1962 Northrop Grumman Property)
- Hooker Ruco Superfund Site
- 1997 Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Property
- 1997 Northrop Grumman Property

0 750 1,500 3,000 Feet

NAVFAC Naval Facilities Engineering Command

**SITE LOCATION MAP**
**NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 1-2 | REV | DATE 5/19/2017 |

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N

130172 - Solvent Finishers

130113 - Cantiague Road Plume Trackdown

130186 - American Drive-In Cleaners

130201 - Former Morton Village Cleaners

V00089 - 70-140 Cantiague Rock Rd/Former Sylvania

130040 - Air Techniques, Inc. (Old Sylvania Site)

130020 - General Instruments Corp.

130021 - Anchor Lith Kem Ko (Anchor Chem)

130178 - Sulzer Metco, Inc.

130029 - AGO Associates

C130141 - 230 Duffy Avenue

C130178 - 1101 Prospect Avenue

130179 - Metco

130027 - Alsy Manufacturing, Inc.

130048 - Bowe Systems and Machinery

130004 - RUCO Polymer Corp. (Hooker Chem)

DRY CLEAN CENTRAL

130195 - Former Aluminum Louvre Corporation

130015 - Claremont Polychemical Corp.

130043 - New Cassel Industrial Area

R&J CLEANERS

CINDY CLEANERS

SUMMIT CLEANERS

BROADWAY PLAZA CLEANERS

130003D - Town of Oyster Bay Ice Skating Center

130003B - Naval Weapons Ind. Reserve Plant

130042 - Nassau County Fire Training Center

J CLEANERS & TAILORS

130215 - New Cassel/Hicksville Ground Water Contamination

V00416 - Coral Graphics, Inc. (327 New South Rd)

130062 - Arba Dry Cleaners

V00383 - Coral Graphics, Inc. (840 Broadway)

DLC DRY CLEANING & LAUNDRY

130003C - Northrop Grumman Steel Los Plant 2

130003A - Northrop Grumman - Bethpage Facility

SMILE CLEANERS

TAHOE CLEANERS & TAILORING

130107 - Farmingdale Plaza Cleaners

130049 - American Drive-In Cleaners

V00347 - Melody Cleaners

130005 - Liberty Industrial Finishing (4 J's Co.)

130064 - Wantagh Cleaners

130114 - Jim Jam Cleaners

V00005 - Omni Plaza Shopping Center

130102 - Village Valet Cleaners (Former Omni Site)

130060 - Gentle as a Lamb Cleaners

130065 - Minuteman Cleaners

130094 - Busy Bee Dry Cleaners

130056 - Gent Uniform Rental Service

Jericho
Hicksville
Salisbury
Levittown
East Meadow
North Bellmore
North Merrick
Wantagh
North Wantagh
Seaford
North Massapequa
Massapequa
Massapequa Park
South Farmingdale
Bellmore
Bethpage
Old Bethpage
Broadway
Hempstead Tpke
Sunrise Hwy
Southern State Pkwy
Conklin St
Fulton St
Hicksville Rd
State Hwy 135

## Legend

- Public Water Supply Well
- 2017 NYSDEC Sites with VOCs
- Known Dry Cleaner Locations
- Other Dry Cleaner Locations
- Long Island Groundwater Divide
- 2017 NYSDEC Remediation Site Outline
- Recharge Basins
- 1997 NWIRP Bethpage Property
- 1997 Northrop Grumman Property

0 2,000 4,000 6,000 Feet

**Notes:**
NWIRP- Naval Weapons Industrial Reserve Plant
NYSDEC- New York State Department of Environmental Conservation
VOCs- Volatile Organic Compunds

NAVFAC Naval Facilities Engineering Command

# NASSAU COUNTY
# SPILLS AND POTENTIAL SOURCES
# NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 1-3 | REV | DATE 5/18/2017 |

5/18/2017

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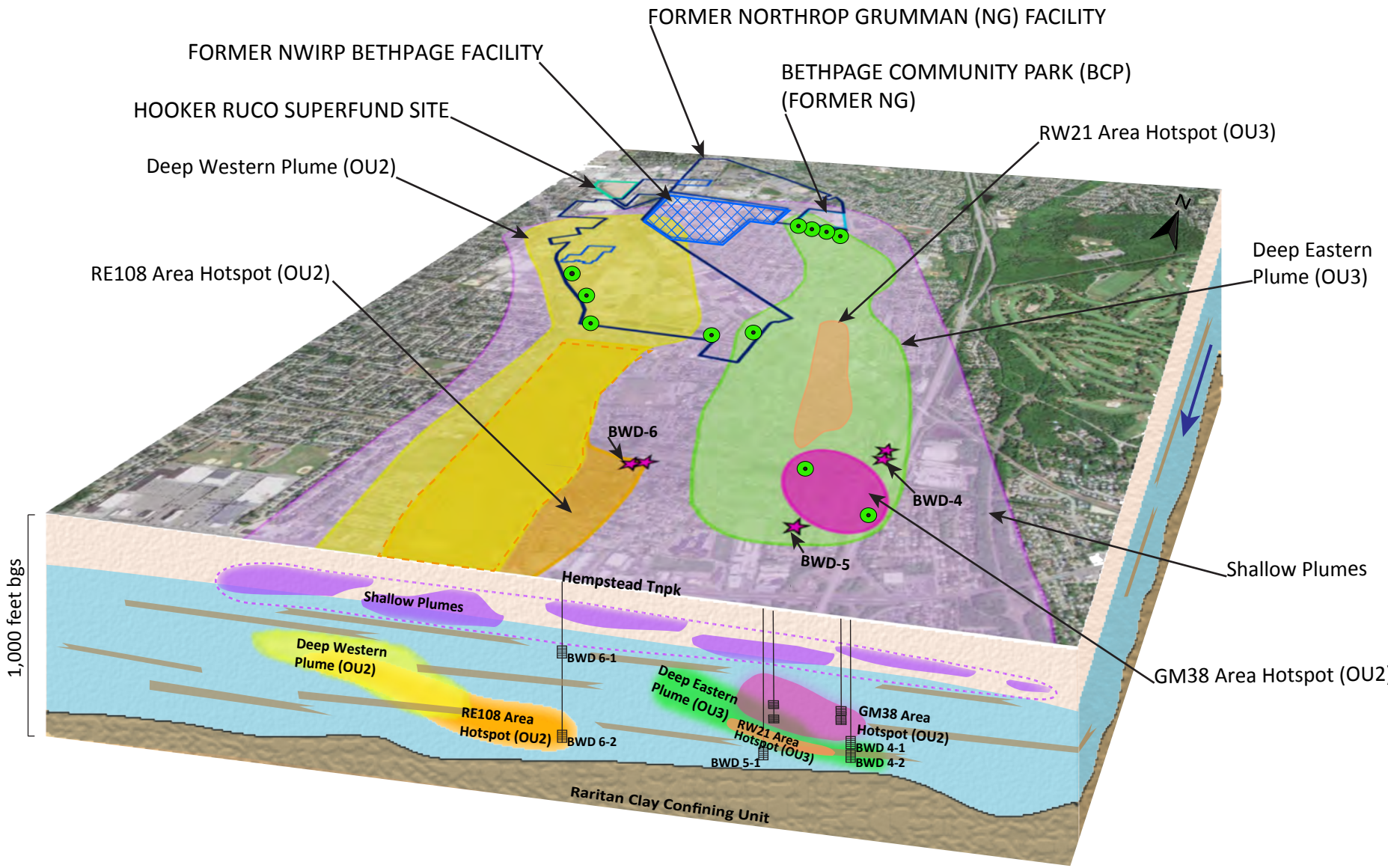


**CONCEPTUAL SITE MODEL**
**GROUNDWATER**
**NWIRP BETHPAGE, NEW YORK**

| | |
|---|---|
| FILE 112G08005-WE09 | SCALE NOT TO SCALE |
| FIGURE NO. 2-1 | DATE 5/18/2017 |

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# TCE
# (0 to 300 feet bgs)

N

NG
HR
NWIRP
BCP
NG

B30MW-1 ND
B24MW-2 2.7
BCPMW-1 190
BCPMW-3 479
MW-93D2 ND
MW-93D1 1.2
MW-73D2 4
MW-77D2 21
MW-72D1 ND
MW-72D2 25
MW-79D2 8.6
VPB134 30
18.9 HN-24IR
AOC22MW10 66
FW-03 2.2
FW01 9.4
MW303I1 25
HN-42I 0.56
HN-42S ND
MW-208-1 17.4
MW-86D ND
MW-89D2 9.4
MW-85I ND
MW-86D2 83
MW-85D2 4.3
VPB135 4000
MW305I 5400
VPB136 4.6
GM-13S 68.8
HN-40 ND
HN-40S ND
MW-67S 2.5
MW-67D 2.5
MW-68S 110
MW-68D 5.9
GM-17I 1.7
GM-17D 1.1
MW-109-3 1200
1,000 µg/L
100 µg/L
5 µg/L
GM-18D 0.41
GM-18I 0.43
VPB144 50
GM-39DA 3.3
VPB157 42
N-10631 1.2
GM-74I 1
GM-78I 0.6
GM-78D 1
GM-21S 0.88
GM-21I 0.62
GM-21D 2.6
GM-21SD 185
VPB140 17
GM-78S 0.57
GM-15S 6.5
GM-15I ND
GM-79I ND
GM-79D 19.7
VPB141 1.6
N-10624 ND
N-10627 0.37
VPB160 0.82
GM-37D 0.66
VPB156 ND
ND
VPB142
GM-36D ND
VPB138 6.8
VPB137 3.9
VPB139 97
VPB159 170
VPB154 200
VPB165 73
VPB155 38
VPB158 65
VPB150 26
VPB148 2.4
VPB149 11
VPB162 31
VPB131 3.4
VPB161 1.5
VPB132 3.1
RPOW 1-1 1.1
VPB152 ND
VPB153 53
VPB163 4.3
VPB151 ND
VPB133 1.4
VPB167 ND
VPB146 ND
VPB147 ND
VPB145 ND

Bethpage
Levittown
Plainedge
North Massapequa
North Wantagh
Grumman Bethpage Airfield
HEMPSTEAD TNPK
SOUTHERN STATE PKWY

## Legend

- Monitoring Well
- Vertical Profile Boring
- Recovery Well

**2016 TCE (0 to 300 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter

**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (0 to 300 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-1 | REV DATE | 6/12/2017 |

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N

NG

HR

NWIRP

BCP

RW21 Area Hotspot (OU3)

DEP (OU3)

DWP (OU2)

GM38 Area Hotspot (OU2)

VPB134 2400

VPB135 3.1

VPB136 15

58.4 MW3-1

WELL 3 510

NG

Bethpage

Grumman-Bethpage Airfield

GM-15D 0.33

VPB144 7800

GM-39DB 87.6

RE123D1 7.3

GM-73D 9.1

VPB157 120

WELL 17 159

GM-74D 1.3

141 WELL 19

MW-111-4 5100

VPB140 120

GM-78D 3.3

GM-78D2 1.4

WELL 18 51.2

RW-21_MW-4 249

RW-21_VP-4 674

RW-21_VP-1 15.9

RW-21_VP-3 1510

RW-21_VP-2 455.4

VPB141 87

VPB160 14

GM-37D2 2.3

GM-71D2 11

RW-21_VP-6 16

RW-21_MW-8 452

RW-21_VP-8 277

VPB156 67

VPB142 68

GM-70D2 10.3

RW-21_VP-5 137

47.3

RW-21_VP-7 32.4

RW-21_MW-5-1

RW-21_MW-12-1 103

RW-21_VP-12 72.9

RW-21_VP-9 123

RW-21_VP-11 195

RE104D1 84

VPB138 90

VPB137 27

GM-34D 412

31.7 BWD-3876

GM-38D 140

GM-38D2 148

110 RW1-MW1

190 VPB139

RE125D1 180

VPB159 310

VPB154 190

RE131D1 100

VPB165 140

HEMPSTEAD TNPK

Levittown

TT101D 68

Plainedge

LWD-04450 ND

VPB155 ND

BPOW 1-4 ND

VPB158 140

5 µg/L

VPB150 ND

BPOW 1-2 0.3

BPOW 1-3 ND

SFWD-5148 ND

VPB148 1.8

VPB149 ND

VPB162 ND

VPB131 ND

BPOW 2-2 ND

BPOW 2-1 ND

VPB161 ND

LWD-05302 ND

BPOW 5-1 ND

VPB132 ND

VPB152 ND

VPB153 ND

VPB163 ND

VPB151 ND

North Massapequa

VPB133 ND

SOUTHERN STATE PKWY

North Wantagh

VPB167 ND

VPB146 ND

VPB147 0.45

VPB145 ND

100 µg/L

1,000 µg/L

5 µg/L

# TCE
# (300 to 500 feet bgs)

## Legend

- Monitoring Well
- Vertical Profile Boring
- Recovery Well
- NG Production Well
- Public Water Supply Well

**2016 TCE (300 to 500 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
DWP- Deep Western Plume (OU2)
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MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter

100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (300 to 500 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-2 | REV / DATE | 5/18/2017 |

NOR P:\GIS_files\BethpageMAP DOCS\MXD\2017_SP\Finals\2016_300-500_TCE.mxd MMC 5/18/2017

# TCE (500 to 700 feet bgs)

N

HWD-10-1 ND
HWD-9-2 28
HWD-9-3 0.75
HWD-8-3 98.7
LWD-2A 60.6
LWD-5A 0.96
LWD-6B 1.22
LWD-7A ND
LWD-8A ND ND
LWD-14 ND

NG
HR
NWIRP
BCP
1.2 VPB134
ND VPB135
13 VPB136

RW21 Area Hotspot (OU3)
DEP (OU3)
DWP (OU2)
RE108 Area Hotspot (OU2)

WELL 3 510
WELL 1 768
WELL 17 159
WELL 18
WELL 19 141
GM-15D2 9
GM-73D2 169
GM-73D3 1.7
GM-33D2 17.5
GM-74D2 7.2
GM-74D3 5.5
GM-75D2 18.7
GM-34D2 157
GM-35D2 63.3
GM-36D2 2.6
VPB144 200
VPB157 54
RE123D2 1.8
VPB140 19
RE107D1 17
RE107D2 140
RE107D3 ND
VPB141 280
RE122D1 520
RE122D2 5300
VPB156 8200
RE126D1 26
RE126D2 530
RE126D3 3.3
VPB160 520
RE108D1 56
RE108D2 2900
VPB142 740
RE103D1 940
RE103D2 780
VPB137 1800
RE125D2 240
VPB159 640
RE131D2 54
RE131D3 6.6
VPB165 39
RE105D1 110
VPB139 32
RE120D1 1800
VPB154 1000
TT-101D1 190
RE121D1 29
VPB155 45
VPB158 ND
RE114D1 370
RE114D2 70
VPB148 520
VPB149 110
BPOW 4-1R 1
BPOW 3-3
BPOW 3-4 ND
80.7
BPOW 3-2 ND
BPOW 3-1 ND
VPB131 ND
BPOW 2-3 ND
SFWD-3-1 ND
RE128D1 ND
VPB162 ND
VPB150 ND
BPOW 1-5 ND
VPB161 ND
BPOW 5-2 ND
BPOW 5-3 ND
VPB132 ND
NYAW-4S 4
NYAW-3S 1.62
BPOW 5-5 ND
BPOW 5-6 ND
VPB152 ND
BPOW 5-7 ND
VPB153 ND
BPOW 5-4
VPB151 ND ND
VPB163 ND
SFWD-6-1
SFWD-6-2 ND ND
VPB133 ND
TT-102D ND
BPOW 6-4 ND
BPOW 6-5 ND
VPB167 ND
VPB146 ND
VPB147 ND
VPB145 ND
MWD-4 ND

RW-21_VP-1 744
RW-21_MW-1 2600
RW-21_VP-4 2.4
RW-21_VP-3 13200
RW-21_MW-3-1 8870
RW-21_MW-3-2 3220
RW-21_MW-2 2740
RW-21_VP-2 78.1
RW-21_MW-7 6490
RW-21_VP-7 4870
RW-21_VP-6 1800
RW-21_MW-6 1220
RW-21_VP-5 12.4
RW-21_MW-5-2 8.6
RW-21_VP-8 170
RW-21_VP-12 0.38
RW-21_MW-12-1 ND
RW-21_MW-9 450
RW-21_VP-9 241
RW-21_MW-11 1360
RW-21_VP-11 1870
RW-21T_VP-11 113
BWD-4-1 204
BWD-4-2
VPB138 1.1
RW-03 230

5 µg/L
100 µg/L
1,000 µg/L

Bethpage
Plainedge
North Massapequa
North Wantagh
Levittown
HEMPSTEAD TNPK
SOUTHERN STATE PKWY

## Legend

- Monitoring Well
- Vertical Profile Boring
- Recovery Well
- NG Production Well
- Public Water Supply

**2016 TCE (500 to 700 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter

100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (500 to 700 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-3 | REV DATE | 5/18/2017 |

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# TCE
# (Greater than 700 feet bgs)

N

NG
HR
NWIRP
BCP
NG

DWP (OU2)

RE108 Area
Hotspot (OU2)

VPB134 ND
VPB135 ND
VPB136 ND
VPB144 ND
RE123D3 ND
VPB157 ND
VPB140 ND
VPB141 ND
VPB160 ND
RE122D3 5.1
VPB156 1.8
VPB142 ND
RE103D3 500
VPB137 1.6
RW-21_VP-1 3.9
RW-21_VP-2 1.7
RW-21_VP-3 18.7
RW-21_VP-4 0.57
RW-21_VP-5 ND
RW-21_VP-6 5.6
RW-21_VP-7 1.5
RW-21_VP-9 3.4
RW-21_VP-11 4.2
RE104D3 0.56
RE104D2 10
VPB138 ND
BWD-6-2 1280
BWD-5-1 32.4
RE105D2 1800
VPB139 1200
VPB159 99
RE125D3 150
VPB165 ND
VPB154 700
RE120D2 670
RE120D3 41
TT-101D2 740
RE121D2 480
VPB155 ND
VPB158 ND
RE114D3 43
VPB148 28
VPB149 16
BPOW 4-2R 1.5
LWD-13 ND
VPB131 61
VPB132 ND
VPB150 ND
BPOW 1-6 ND
SFWD-1-4 ND
RE128D2 ND
VPB162 ND
ND
RE118D1 ND
VPB152 ND
RE119D1 ND
VPB153 2.8
RE117D2 ND
RE117D1 17
VPB151 ND
RE129D1 ND
RE129D2 ND
VPB163 1.6
TT-102D2 ND
VPB133 ND
BPOW 6-3 ND
BPOW 6-6 ND
VPB167 ND
VPB146 ND
VPB147 ND
BPOW 6-7 ND
VPB145 ND
MWD-5 ND

5 µg/L
100 µg/L
1,000 µg/L

HEMPSTEAD TNPK
SOUTHERN STATE PKWY
Levittown
Bethpage
Plainedge
North Massapequa
North Wantagh
Grumman Bethpage Airfield

## Legend

- Monitoring Well
- Vertical Profile Boring
- Public Water Supply

**2016 TCE (Greater than 700 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

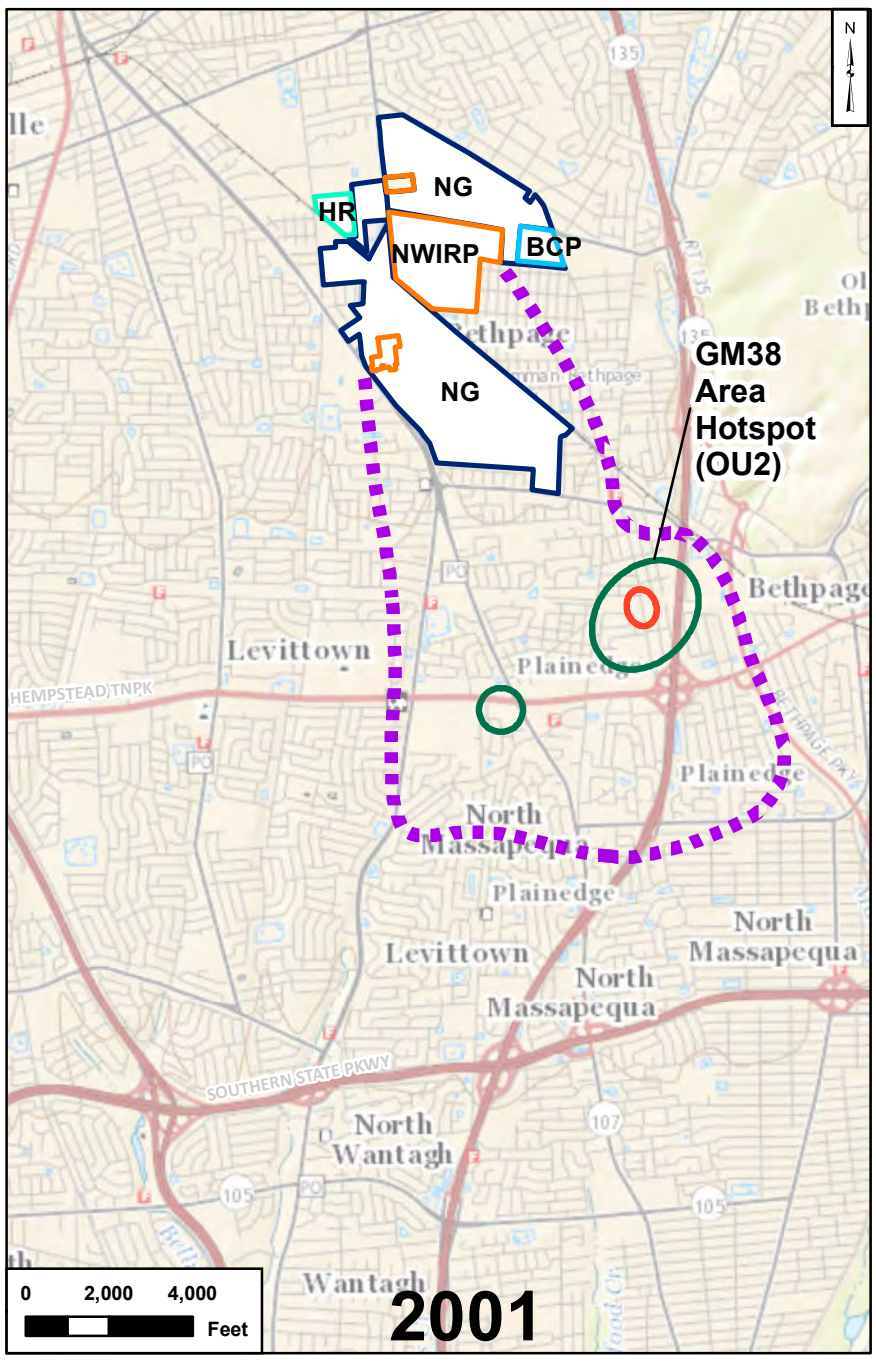
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

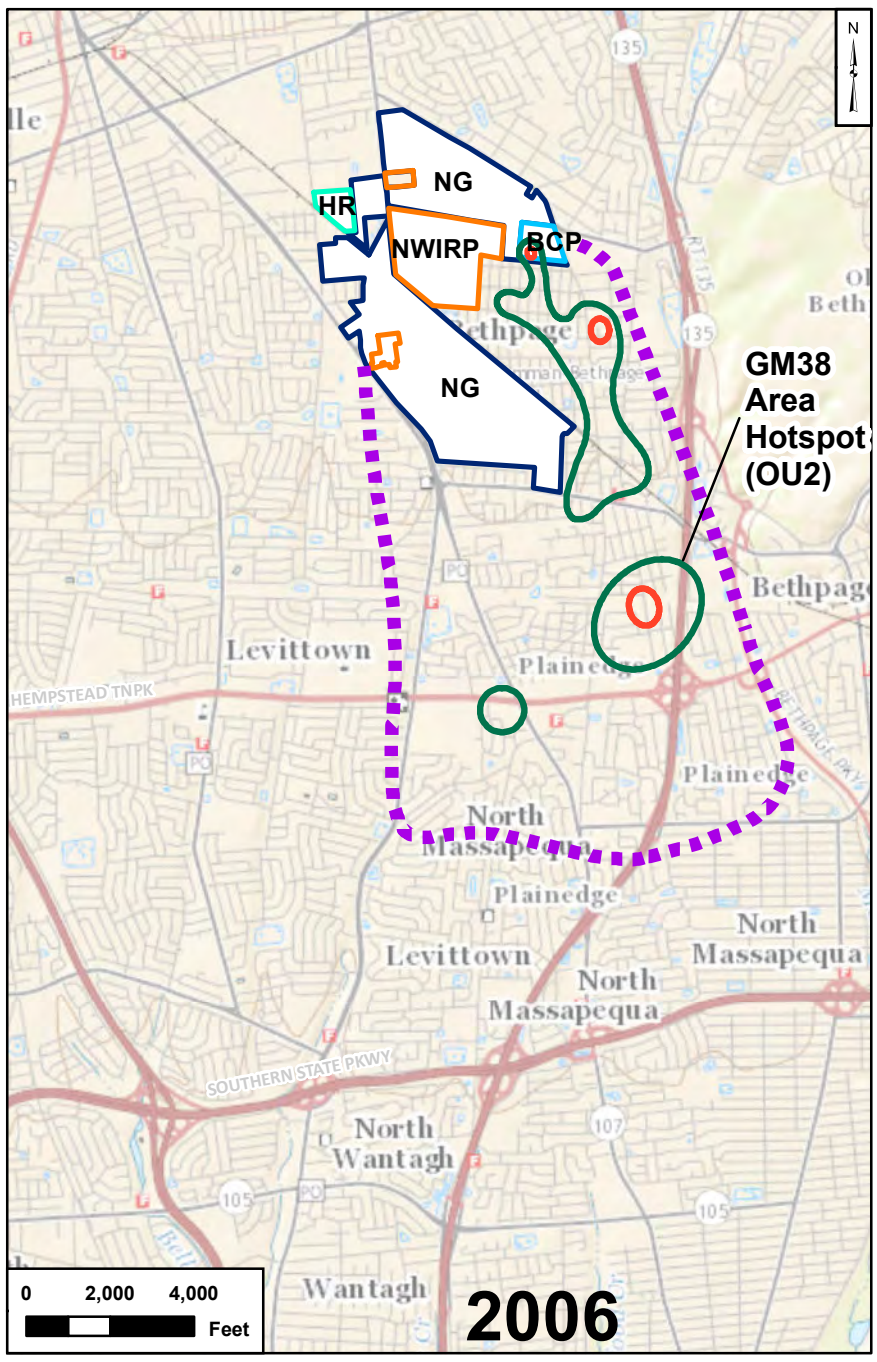
NAVFAC Naval Facilities Engineering Command

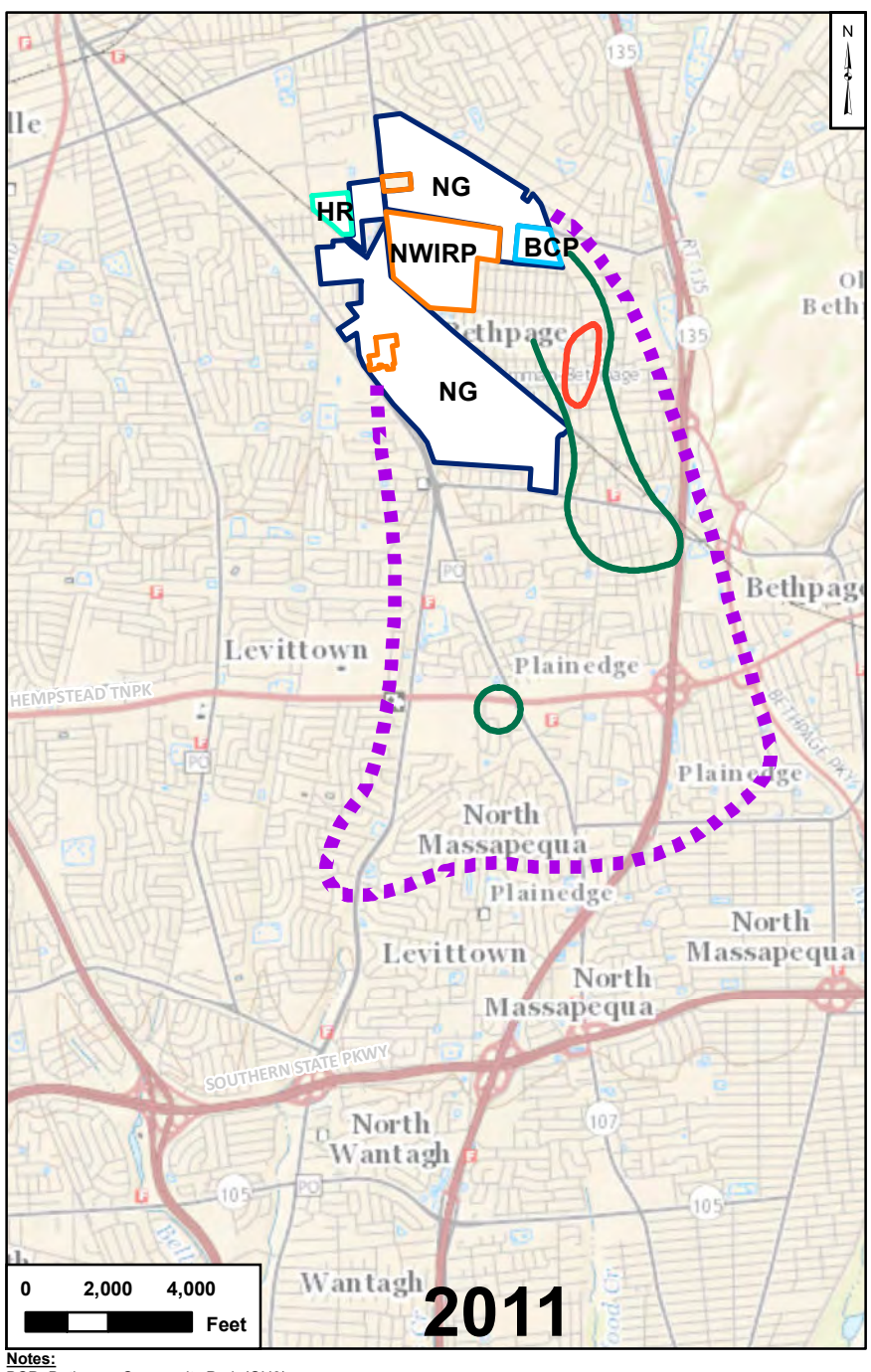
**2016 TCE CONCENTRATION IN GROUNDWATER (GREATER THAN 700 FEET BGS) NWIRP BETHPAGE, NEW YORK**

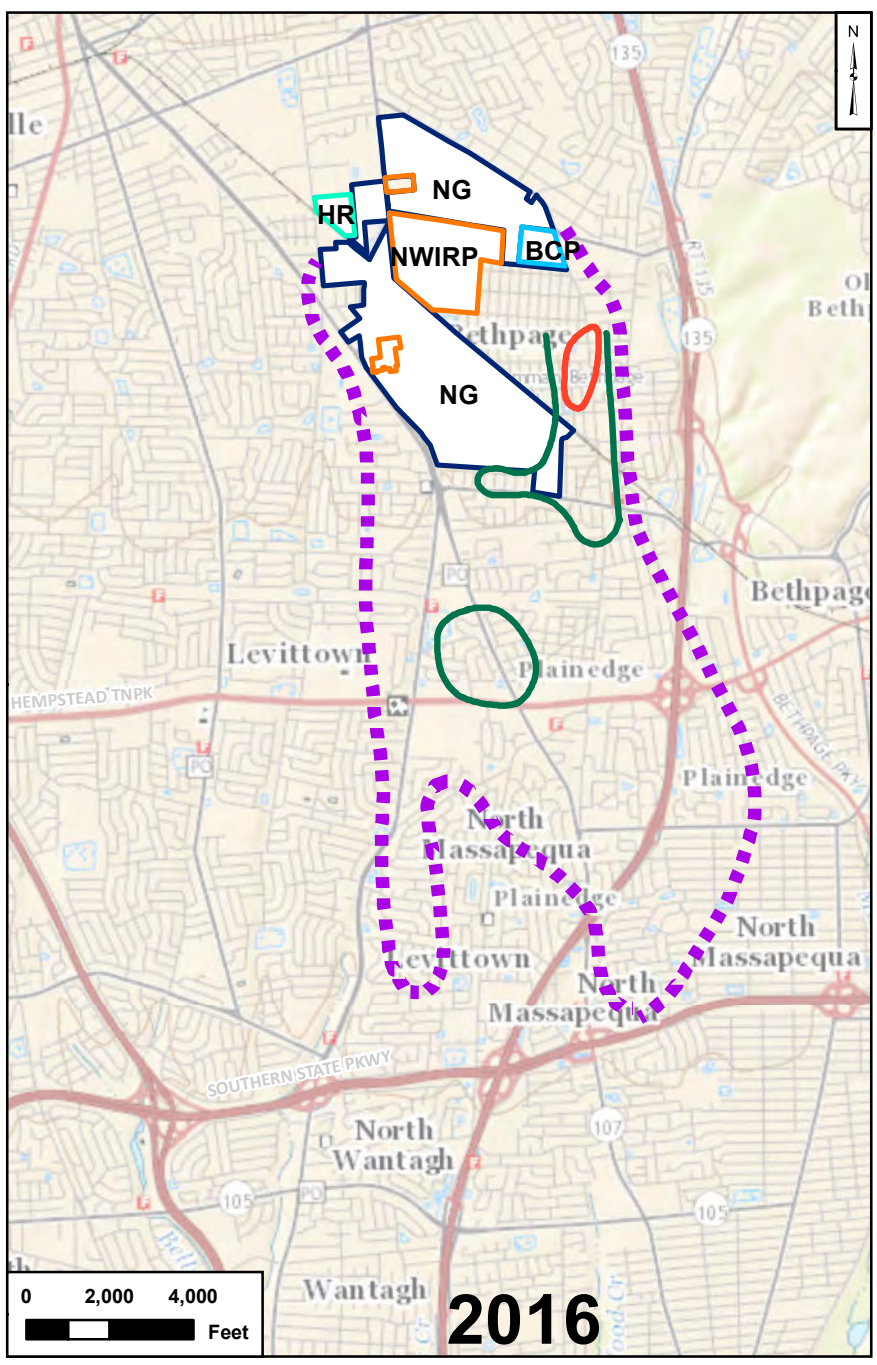
| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-4 | REV | DATE 5/18/2017 |

NOR P:\GIS_files\BethpageMAP DOCS\MXD\2017_SP\Finals\2016_BP_700below_TCE.mxd MMC 5/18/2017




**Notes:**
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
HR- Hooker Ruco Superfund Site
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility

OU- Operable Unit
TCE- trichloroethene
µg/L- microgram per liter

**Legend**
- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

*The Maximum Contaminant Level for TCE is 5 µg/L

# TCE
# (0 to 300 feet bgs)

NAVFAC Naval Facilities Engineering Command

**2001, 2006, 2011, & 2016**
**TCE CONCENTRATION IN GROUNDWATER**
**(0 to 300 FEET BGS)**
**NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-5 | REV | DATE 6/12/2017 |

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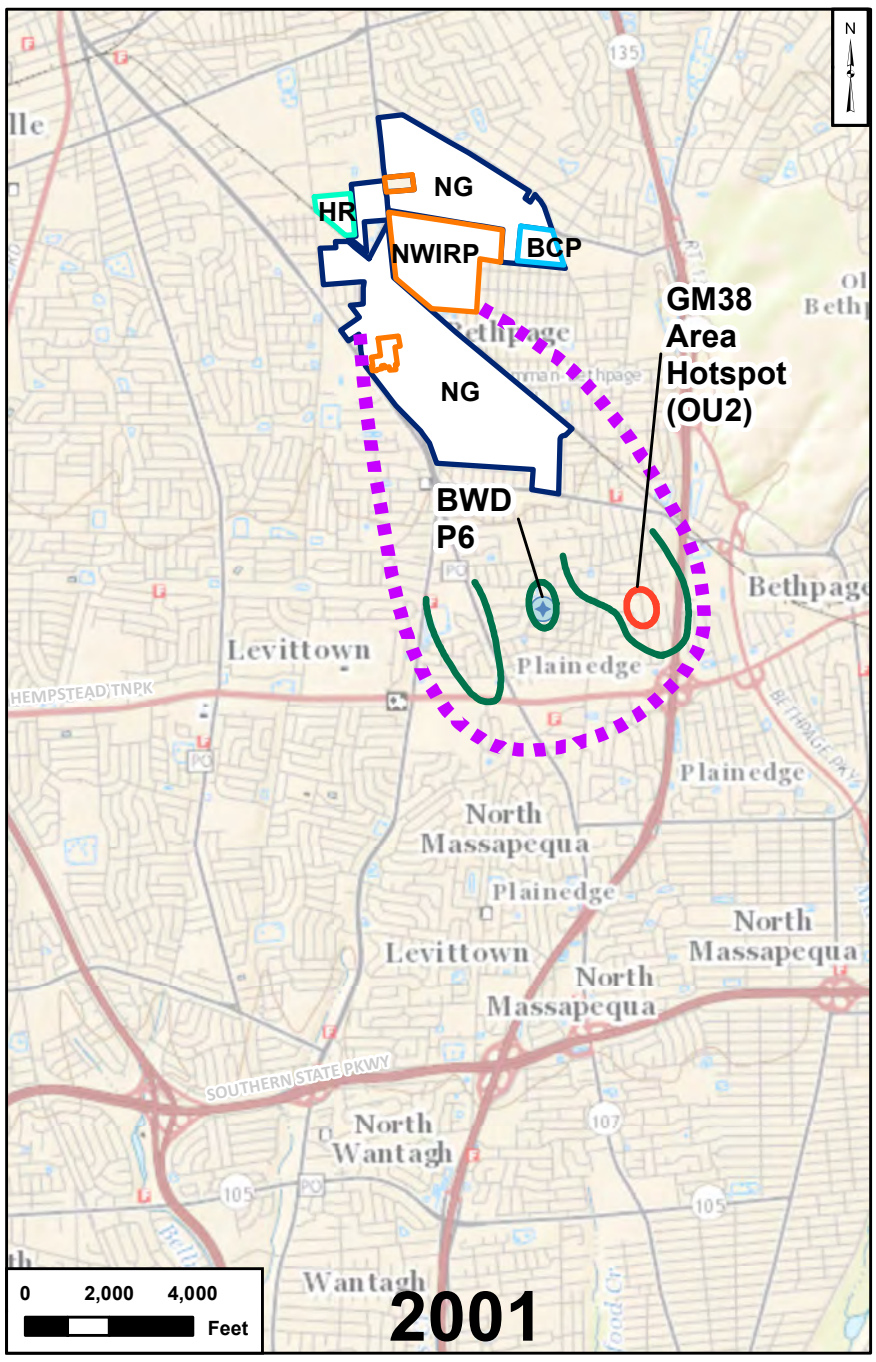


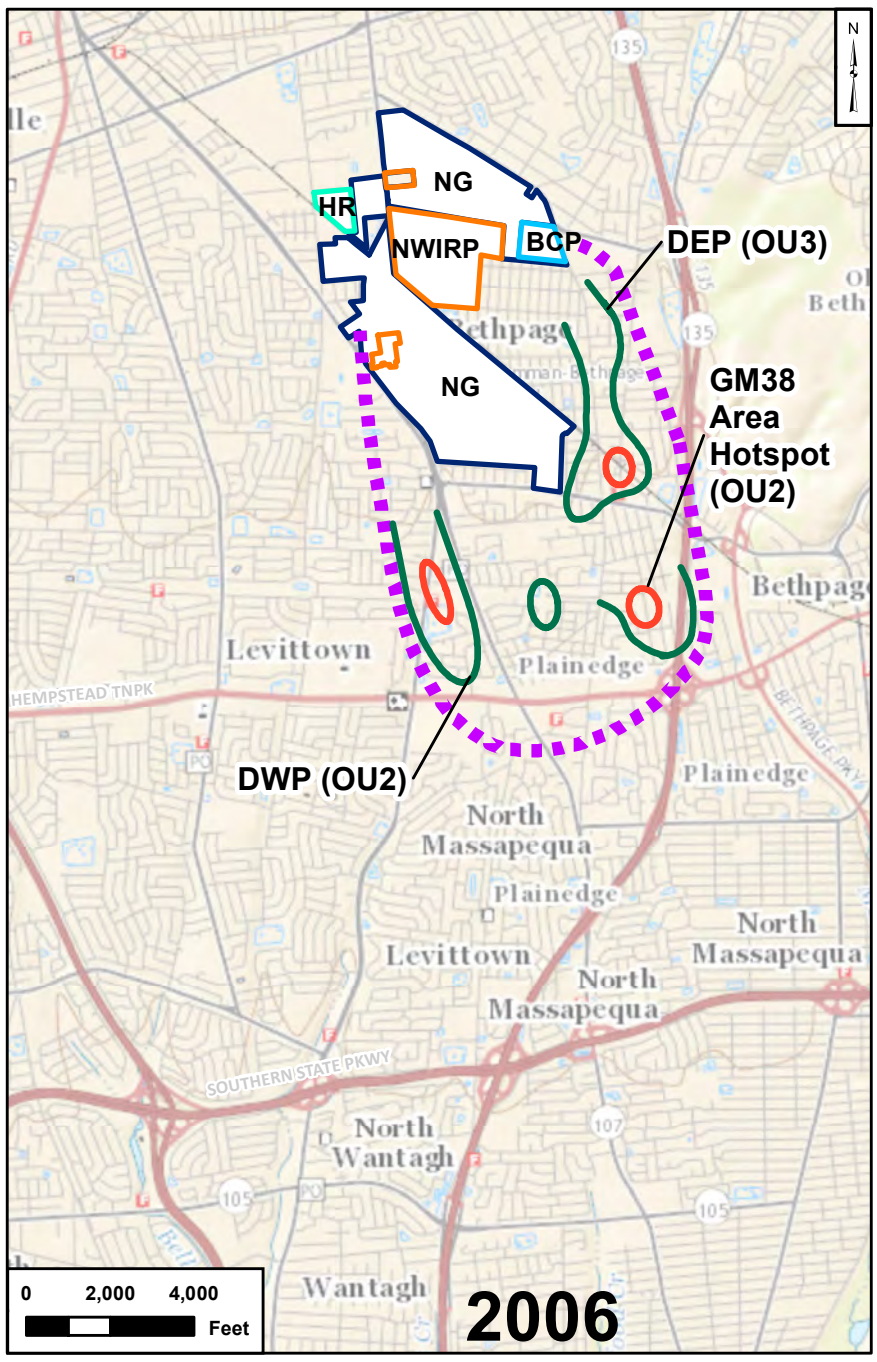


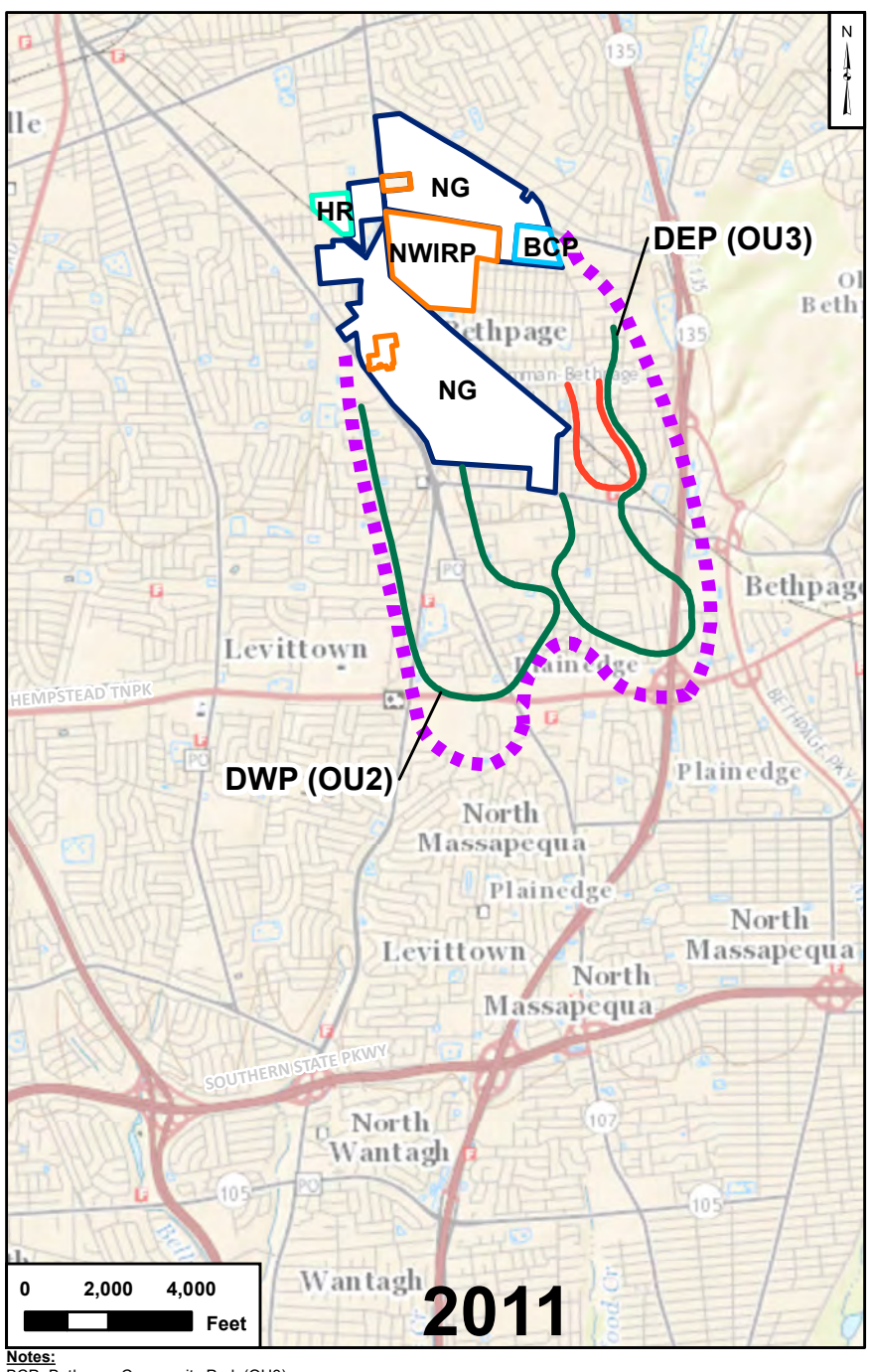


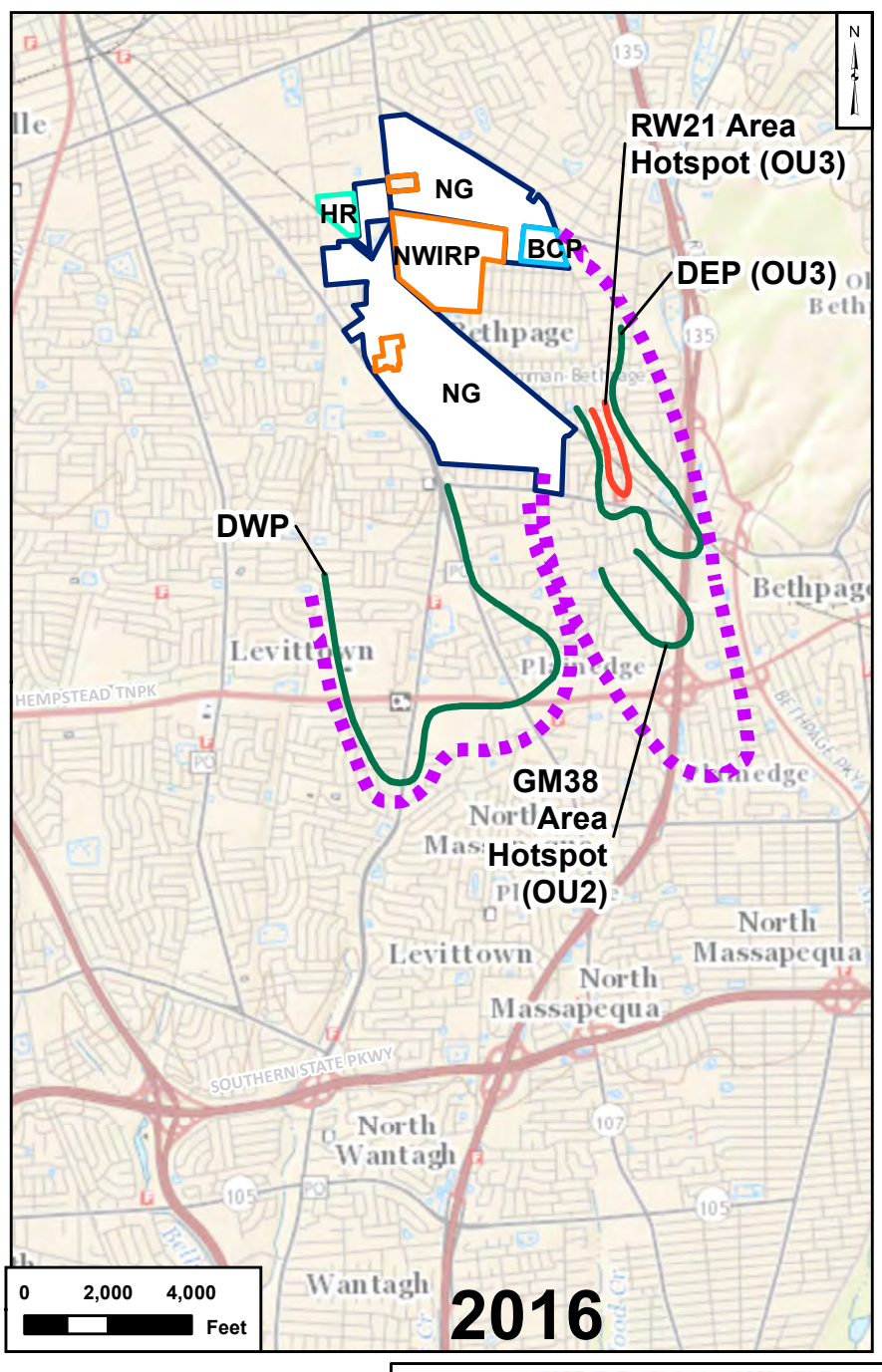


**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- trichloroethene
µg/L- microgram per liter

**Legend**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

# TCE (300 to 500 feet bgs)

*The Maximum Contaminant Level for TCE is 5 µg/L

NAVFAC Naval Facilities Engineering Command

**2001, 2006, 2011, & 2016 TCE CONCENTRATION IN GROUNDWATER (300 to 500 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-6 | REV | DATE 5/19/2017 |

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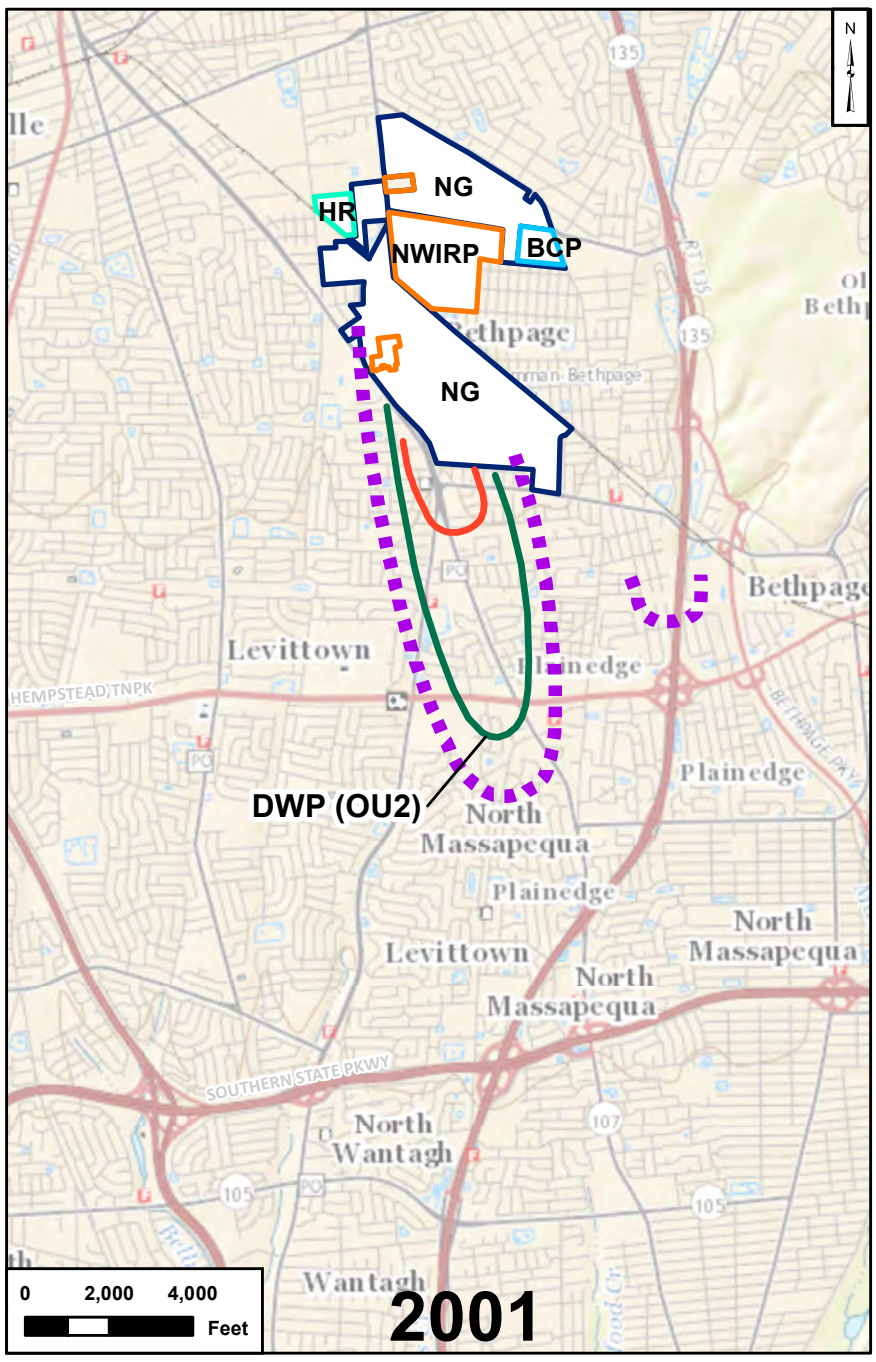


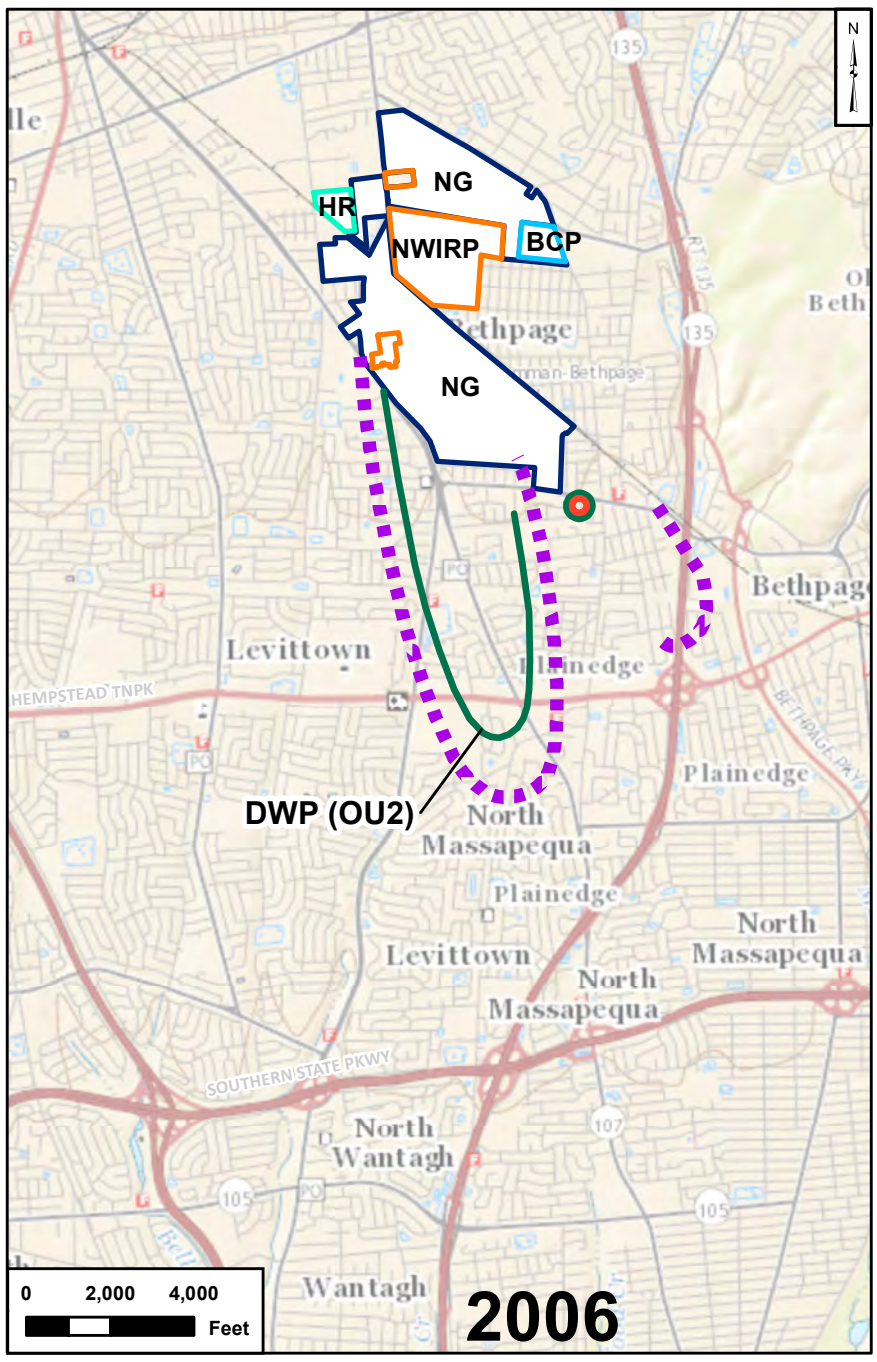


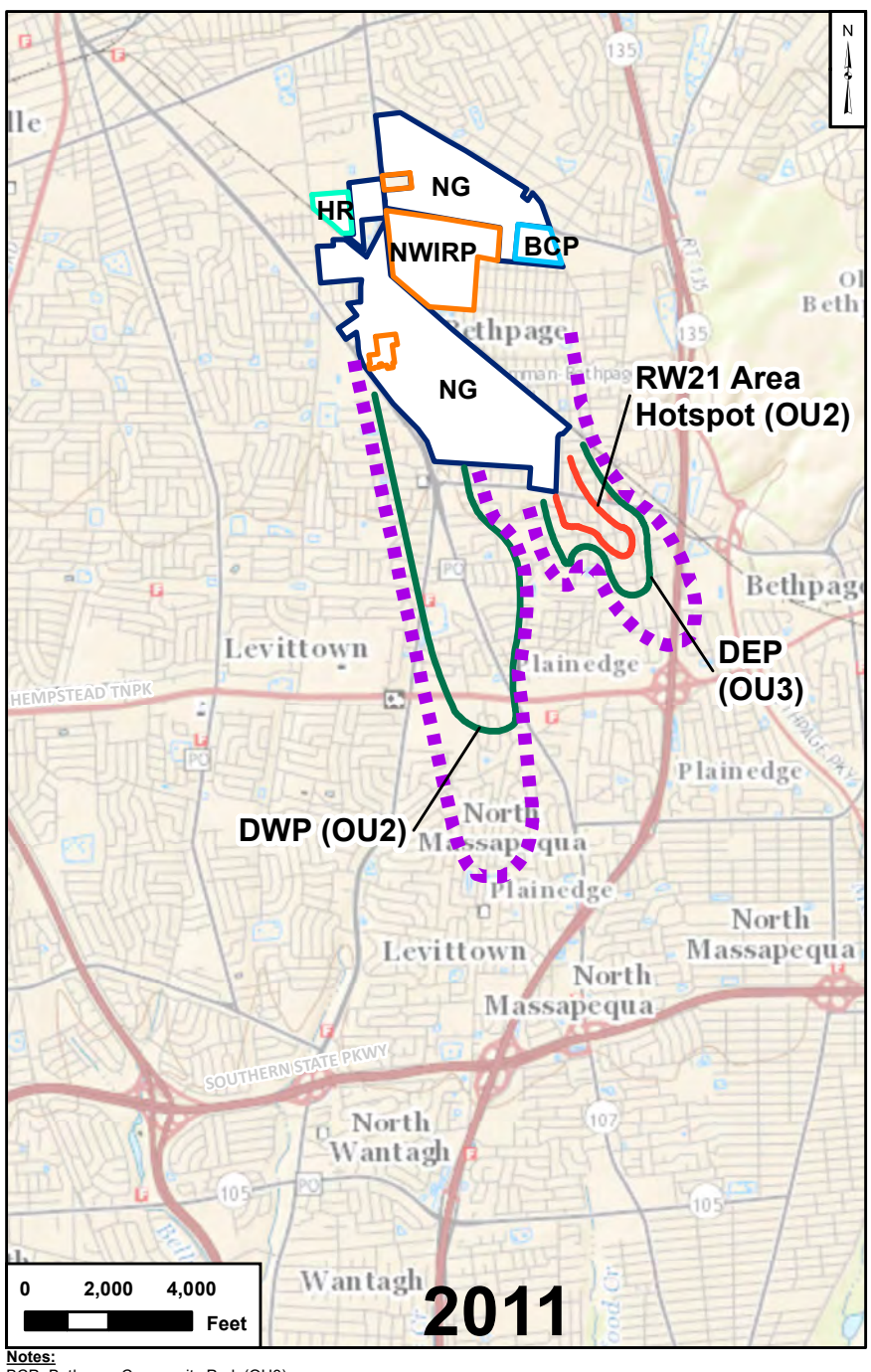


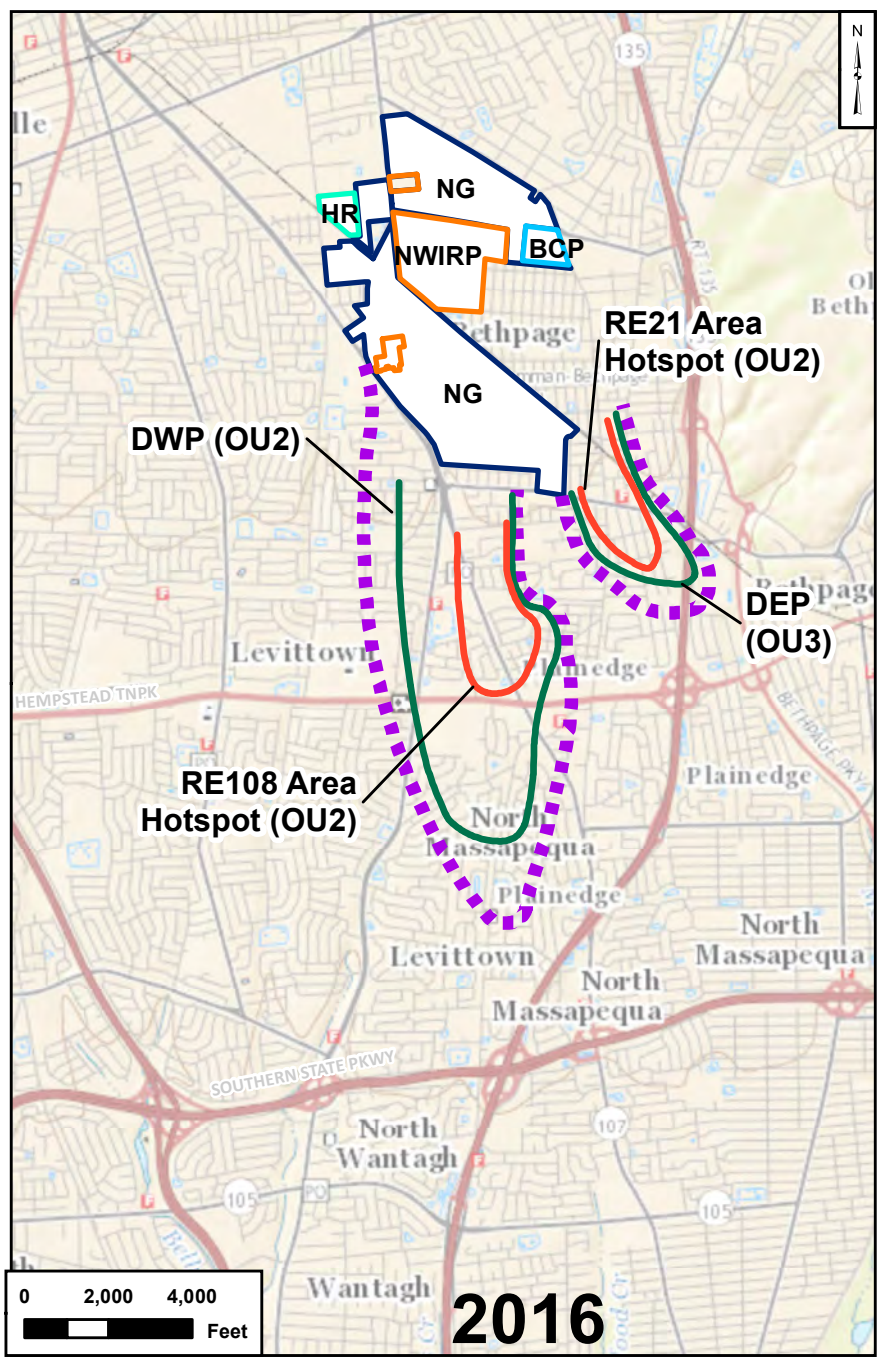


**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DEP- Deep Eastern Plume (OU3)
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- trichloroethene
µg/L- microgram per liter

**Legend**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

# TCE (500 to 700 feet bgs)

*The Maximum Contaminant Level for TCE is 5 µg/L

NAVFAC Naval Facilities Engineering Command

**2001, 2006, 2011, & 2016 TCE CONCENTRATION IN GROUNDWATER (500 to 700 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-7 | REV | DATE 5/18/2017 |

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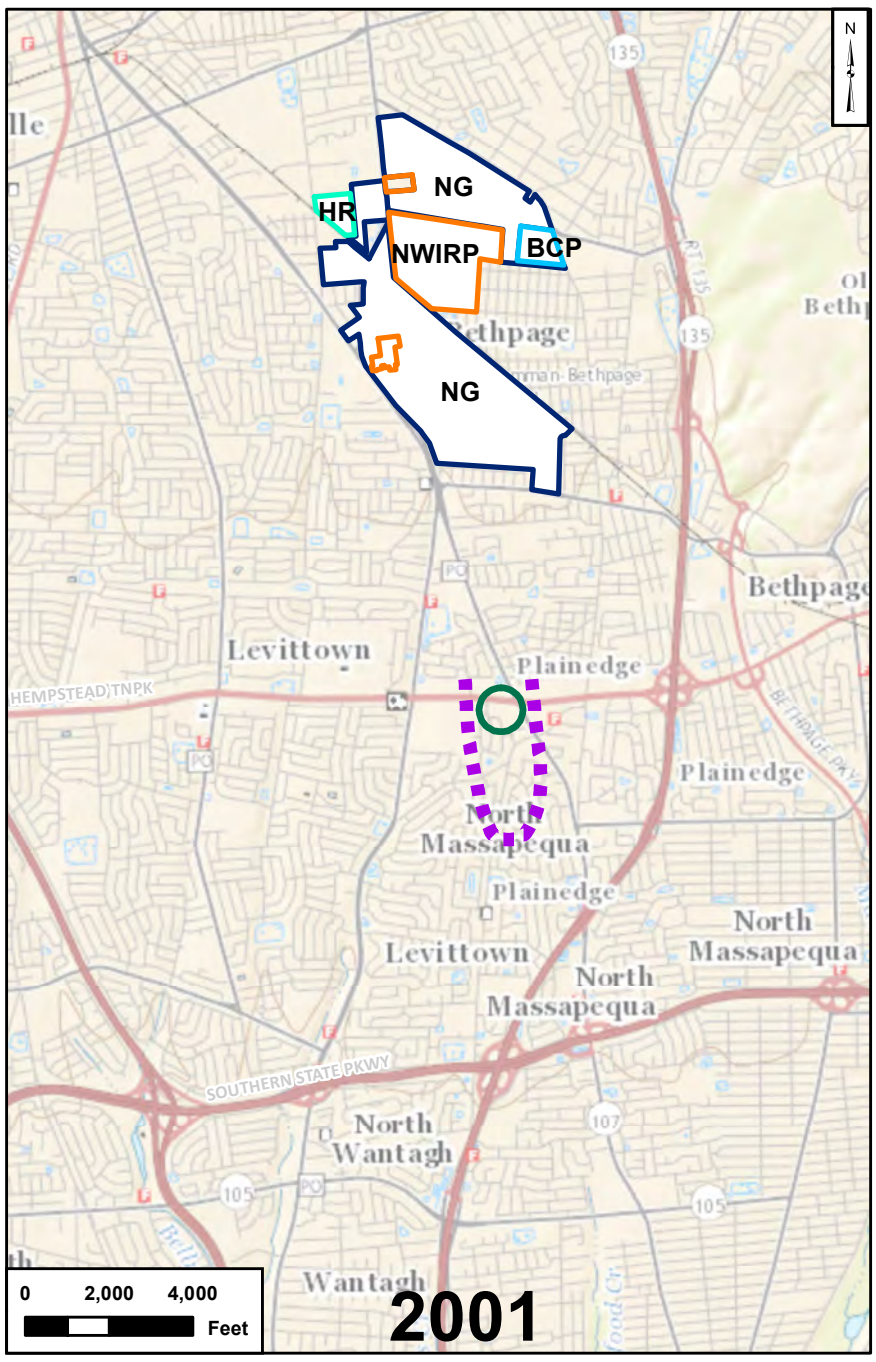


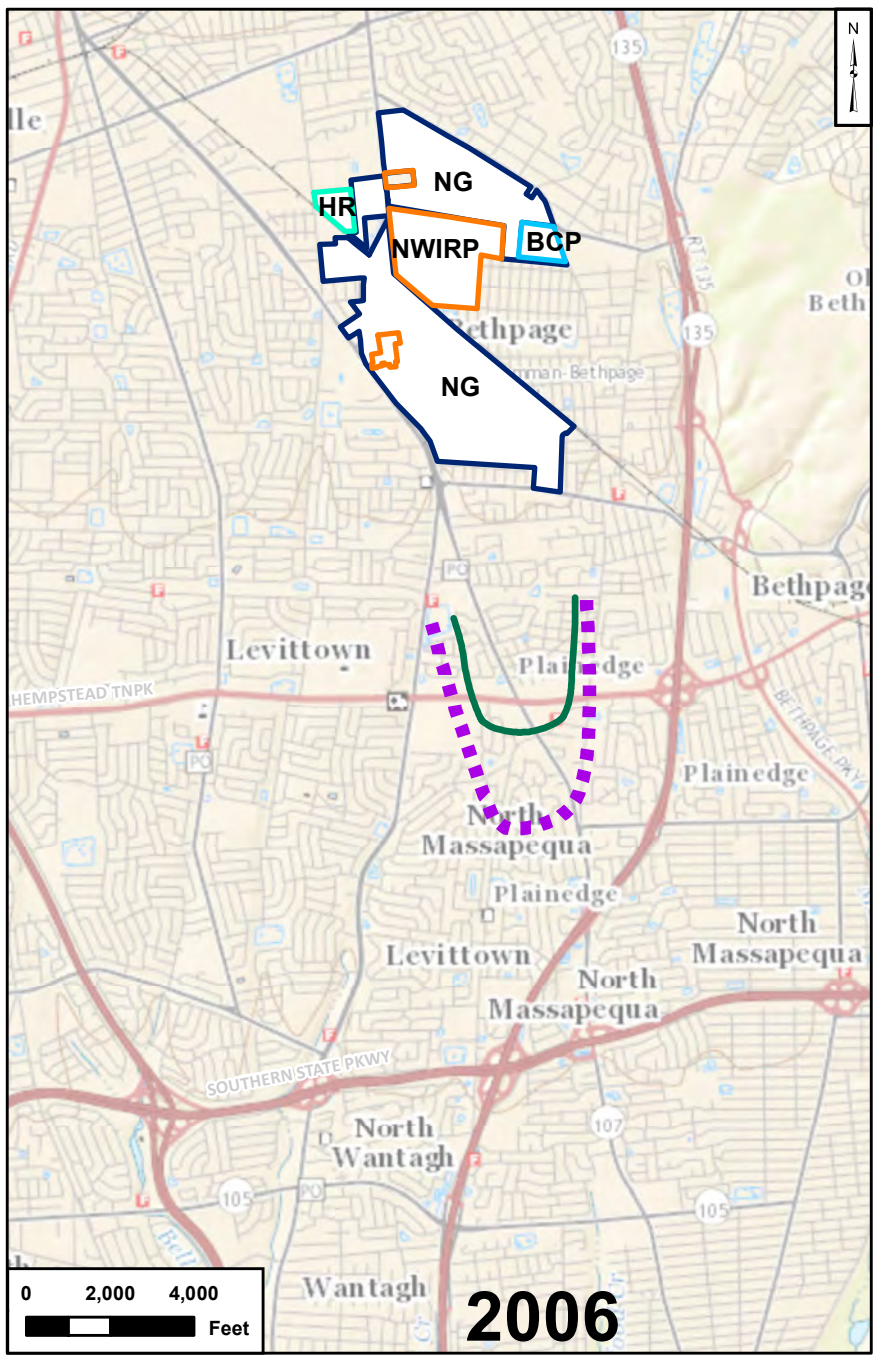


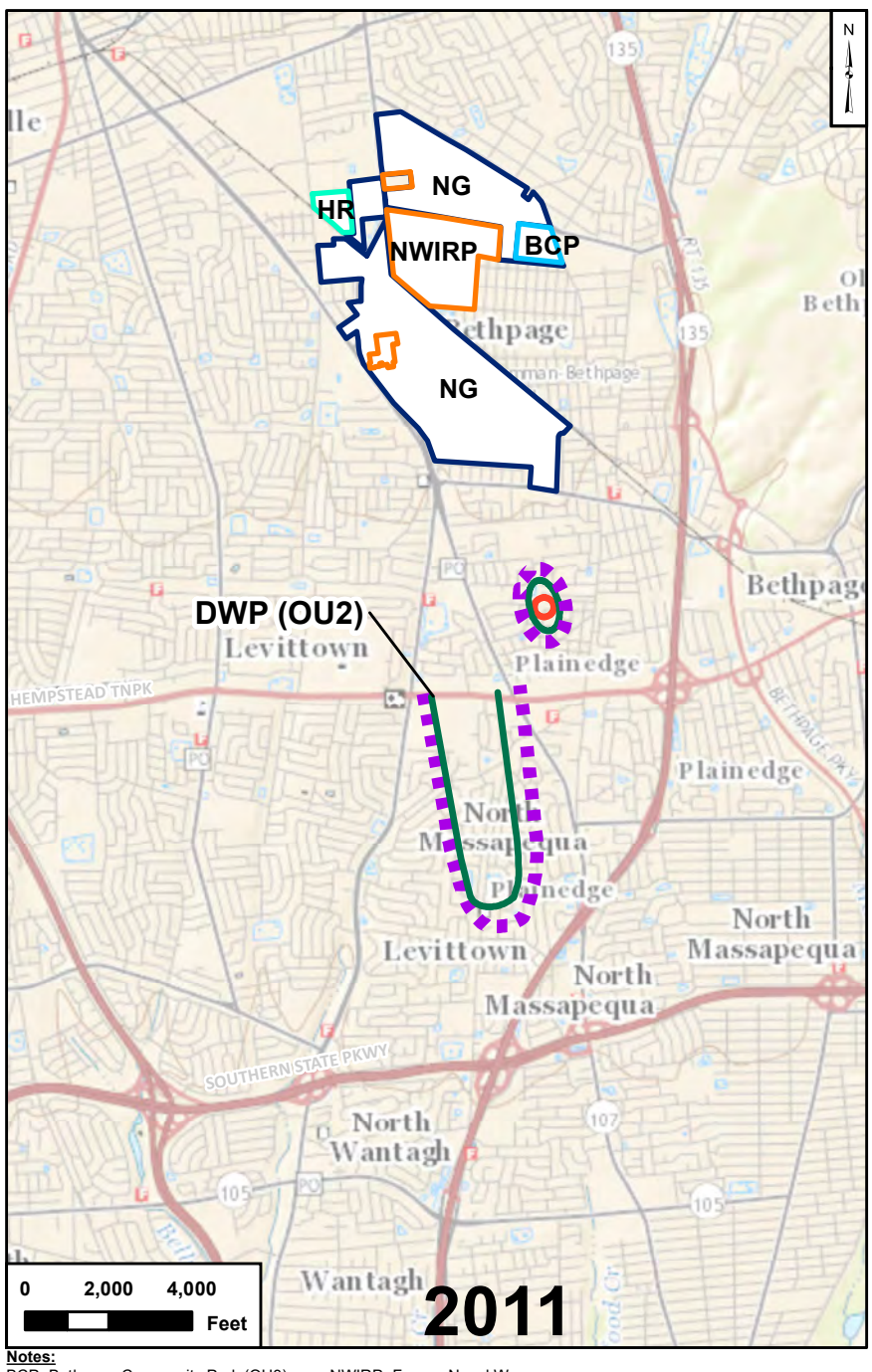


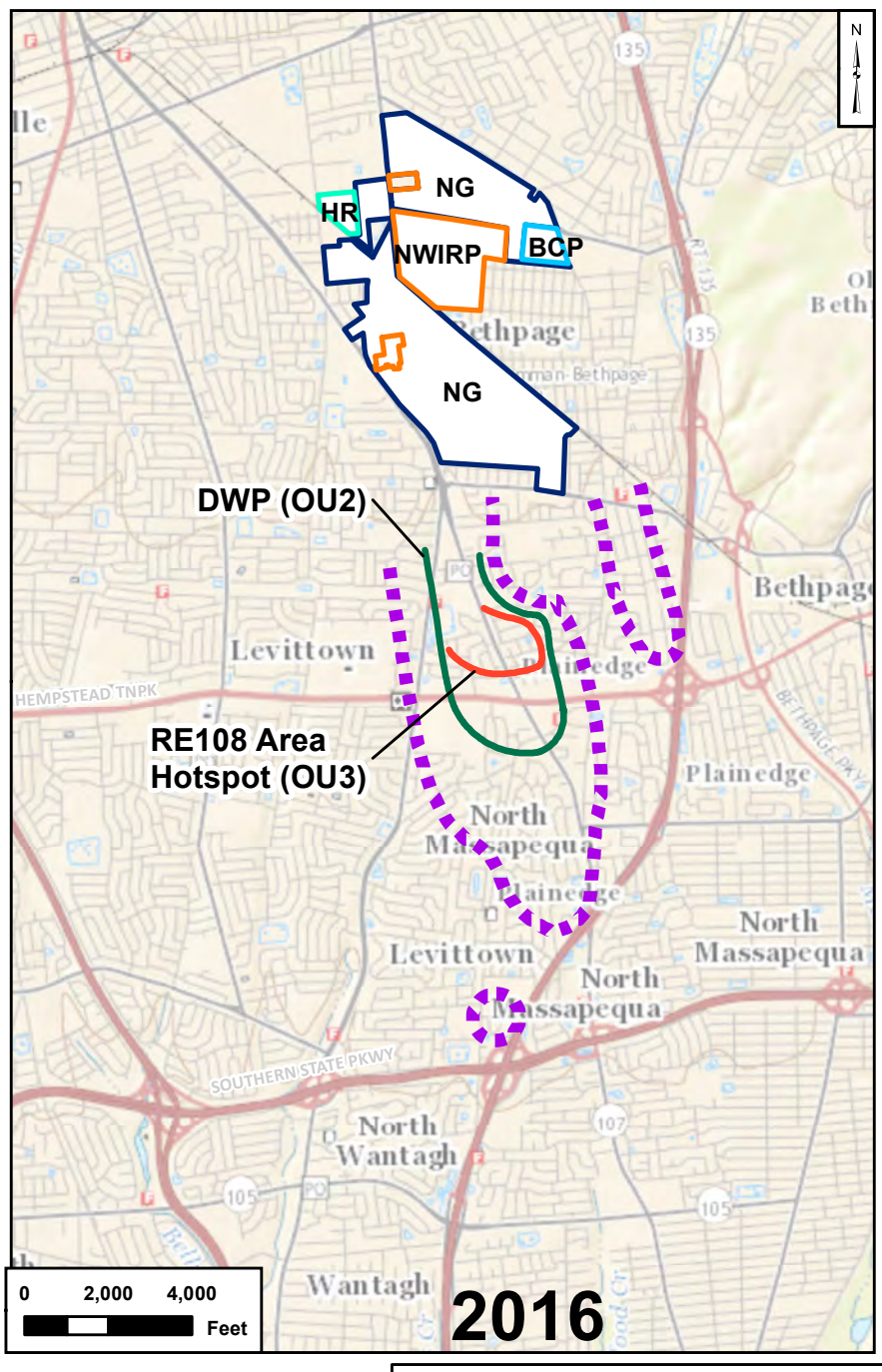


**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
DWP- Deep Western Plume (OU2)
HR- Hooker Ruco Superfund Site
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- trichloroethene
µg/L- microgram per liter

**Legend**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

# TCE
# (Greater than 700 feet bgs)

*The Maximum Contaminant Level for TCE is 5 µg/L

NAVFAC Naval Facilities Engineering Command

**2001, 2006, 2011, & 2016**
**TCE CONCENTRATION**
**IN GROUNDWATER**
**(Greater than 700 FEET BGS)**
**NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-8 | REV | DATE 5/18/2017 |

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N

HWD-10-1
HWD-9-3
HWD-9-2
HWD-8-3
HWD-8-1
HWD-3-2
BWD-8
BWD-7
BWD-1
NG
HR
NWIRP
BCP
MW-75D2
69.99
63.7
69.12
HN-24I
HN-24S
FW-02
68.8
FW-03
68.81
68.59
HN-29I
HN-42I
68.04
67.88
FW-01
67.74
HN-29D
68.04
HN-42S
Bethpage
NG
Grumman-Bethpage Airfield
63.1
GM-78S
62.94
GM-78I
61.52
GM-21I
66.41
GM-21D
GM-79I
59.54
60
GM-79D
54.26
60
55
55
BWD-4-1
BWD-4-2
BWD-6-1
BWD-6-2
LWD-2A
Groundwater Flow
BWD-5-1
50
50
LWD--6B
LWD-5A
HEMPSTEAD TNPK
Levittown
Plainedge
45
45
LWD-9
LWD-7A
LWD-8A
SFWD-1-4
SFWD-1-3
BPOW 1-1
41.96
SFWD-1-2
LWD-13
LWD-3
SFWD-3-1
LWD-12
NYAW-4S
NYAW-3S
LWD-14
SFWD-6-1
SFWD-6-2
North Massapequa
SOUTHERN STATE PKWY
North Wantagh
NYAW-4D
NYAW-6D
NYAW-5D
MWD-4
MWD-5

**Legend**

- Monitoring Well
- Public Water Supply Well

**Groundwater Contours 0 to 300 feet bgs**

- Groundwater Contour (feet msl)
- Groundwater Contour Inferred (feet msl)

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
msl- mean seal level
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit

NAVFAC Naval Facilities Engineering Command

# MAY 2016 GROUNDWATER POTENTIOMETRIC SURFACE MAP (0 to 300 FEET BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-9 | REV | DATE 5/18/2017 |

5/18/2017

N:\NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\2016_BP_0-300_GW_ELE.mxd MMC

N

NG

HR

NWIRP

BCP

NG

Bethpage

Grumman-Bethpage Airfield

Plainedge

Levittown

North Wantagh

North Massapequa

Groundwater Flow

HWD-10-1
HWD-9-3
HWD-9-2
HWD-8-3
HWD-8-1
HWD-3-2
BWD-8
BWD-7
BWD-1
LWD-2A
LWD--6B
LWD-5A
LWD-9
LWD-7A
LWD-8A
LWD-3
LWD-12
LWD-14
LWD-13
BWD-6-1
BWD-6-2
BWD-5-1
BWD-4-1
BWD-4-2
RW2-MW1
RW3-MW1
RW3-MW2
RW3-MW3
RW3-MW4
RE104D1
RE123D1
RE131D1
TT-101D
BPOW 1-4
BPOW 1-3
BPOW 1-2
BPOW 2-1
BPOW 2-2
BPOW 3-1
BPOW 5-1
SFWD-1-4
SFWD-1-3
SFWD-1-2
SFWD-3-1
SFWD-6-1
SFWD-6-2
NYAW-4S
NYAW-3S
NYAW-4D
NYAW-6D
NYAW-5D
MWD-4
MWD-5

57.07
55
55
53.23
51.94
50.96
50.77
52.59
49.5
50
50
48.3
46.87
45
45
42.87
40.62
41.51
40
40
36.41
34.12
35
35
32.79
32.68

HEMPSTEAD TNPK
SOUTHERN STATE PKWY

## Legend

- Monitoring Well
- Public Water Supply Well

**Groundwater Contours 300 to 500 feet bgs**

- Groundwater Contour (feet msl)
- Groundwater Contour Inferred (feet msl)

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
msl- mean seal level
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit

NAVFAC Naval Facilities Engineering Command

# MAY 2016 GROUNDWATER POTENTIOMETRIC SURFACE MAP (300 to 500 FEET BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-10 | REV DATE | 5/18/2017 |

5/18/2017

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N

NG

HR

NWIRP

BCP

NG

Groundwater Flow

HWD-10-1
HWD-9-3
HWD-9-2
HWD-8-3
HWD-8-1
HWD-3-2
BWD-8
BWD-7
BWD-1
RE123D2 56.39
RE107D1 56.4
RE107D2 56.09
RE107D3 55.86
GM-75D 56.52
RE126D1 54.5
RE126D2 54.1
RE126D3 54.13
RE122D1 53.9
RE122D2 52.53
RE108D1 53.44
RE108D2 52.78
RE103D1 51.69
RE103D2 51.84
BWD-6-1
BWD-6-2
BWD-4-1
BWD-4-2
LWD-2A
LWD-5A
LWD--6B
BWD-5-1
RE105D1 48.48
RE120D1 48.76
RE120D2 48.64
RE131D2 47.18
RE131D3 47
TT-101D1 45.11
RE121D1 44.63
BPOW 1-5 50.08
LWD-9
LWD-7A
LWD-8A
RE114D1 36.22
RE114D2 41.3
SFWD-1-4
SFWD-1-3
SFWD-1-2
BPOW 4-1R 38.4
LWD-13
BPOW 3-3 40.6
BPOW 2-3 33.91
SFWD-3-1
LWD-3
LWD-12
BPOW 3-2 31.58
BPOW 5-2 32.7
BPOW 5-3 32.29
NYAW-3S 31.44
NYAW-4S
BPOW 5-6 30.92
BPOW 5-5
BPOW 5-7 30.75
LWD-14
BPOW 5-4 28.98
RE129D1 28.82
SFWD-6-1
SFWD-6-2
BPOW 6-4 37.56
BPOW 6-5 34.4
BPOW 6-1 33.15
NYAW-4D
NYAW-6D
NYAW-5D
MWD-4
MWD-5

55 55 50 45 40 35 30 35 35 35

HEMPSTEAD TNPK
SOUTHERN STATE PKWY
Levittown
North Wantagh
Bethpage
Grumman Bethpage Airfield
North Massapequa
Plainedge

## Legend

- Monitoring Well
- Public Water Supply Well

**Groundwater Contours 500 to 700 feet bgs**

- Groundwater Contour (feet msl)
- Groundwater Contour Inferred (feet msl)

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
msl- mean seal level
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit

NAVFAC Naval Facilities Engineering Command

# MAY 2016 GROUNDWATER POTENTIOMETRIC SURFACE MAP (500 to 700 FEET BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-11 | REV DATE | 5/18/2017 |

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N

NG

HR

NWIRP

BCP

NG

Groundwater Flow

HWD-10-1
HWD-9-3
HWD-9-2
HWD-8-3
HWD-8-1
HWD-3-2
BWD-8
BWD-7
BWD-1
RE123D3 56.7
RE122D3 53.12
RE103D3 51.13
RE104D3 50.08
RE104D2
48.63
BWD-4-1
BWD-4-2
BWD-6-1
BWD-6-2
MW-118-5 46.68
RE105D2 47.74
BWD-5-1
RE120D3 47.56
TT-101D2 44.58
RE121D2 45.63
BPOW 1-6 56.76
SFWD-1-4
SFWD-1-3
SFWD-1-2
RE114D3 41.02
BPOW 4-2R 39.3
BPOW 3-4 35.02
SFWD-3-1
NYAW-4S
NYAW-3S
RE118D1 31.1
RE119D1 30.15
RE117D1 29.9
RE129D2 29.04
RE117D2 30.37
SFWD-6-1
SFWD-6-2
TT-102D2 19.15
BPOW 6-3 36.4
BPOW 6-6 35.79
BPOW 6-2 31.64
MWD-4
MWD-5
NYAW-4D
NYAW-6D
NYAW-5D
LWD-10-1
LWD-2A
LWD--6B
LWD-5A
LWD-9
LWD-7A
LWD-8A
LWD-13
LWD-3
LWD-12
LWD-14

55 55 50 50 45 45 40 40 35 35 30 25 35 35 35

Bethpage
Levittown
North Wantagh
North Massapequa
Plainedge
HEMPSTEAD TNPK
SOUTHERN STATE PKWY
Grumman-Bethpage Airfield

## Legend

- Monitoring Well
- Public Water Supply Well

**Groundwater Contours Greater than 700 feet bgs**

- Groundwater Contour (feet msl)
- Groundwater Contour Inferred (feet msl)

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Siuperfund Site
MCL- maximum contaminant level
msl- mean seal level
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit

NAVFAC Naval Facilities Engineering Command

# MAY 2016 GROUNDWATER POTENTIOMETRIC SURFACE MAP (GREATER THAN 700 FEET BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | 3-12 | REV DATE | 5/18/2017 |

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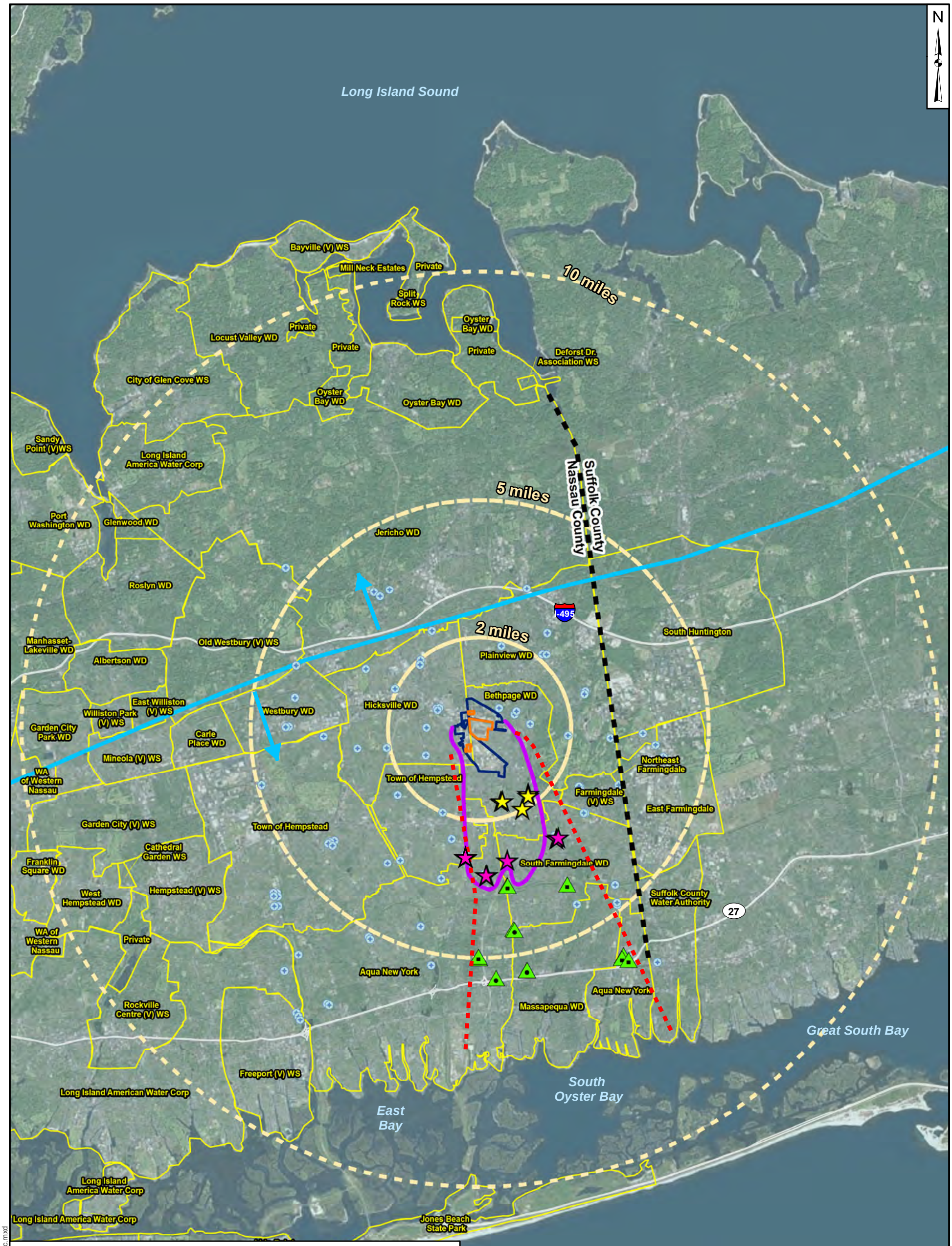


**Legend**

- Other Nassau County Public Water Supply Well
- Public Water Supply with treatment in place (Pre- Public Water Supply Contingency Plan)
- Public Water Supply identified in the Public Water Supply Contingency Plan with treatment in place
- Public Water Supply with potential future impact
- Groundwater Flow [1]
- Long Island Groundwater Divide
- Potential Groundwater Flow
- 2016 TCE 5 µg/L
- Mile Radius
- Water Districts 2014
- 1997 NWIRP Bethpage Property
- 1997 Northrop Grumman Property

0 1 2 4 Miles

**Notes:**
µg/L- microgram per liter
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
TCE- Trichloroethene

[1]From Como, et.al, 2015

Suffolk County Public Water Supply Wells not shown

2013 ESRI Aerial Imagery

NAVFAC Naval Facilities Engineering Command

# 10-MILE RADIUS MIGRATION MAP NASSAU COUNTY WATER DISTRICTS NASSAU COUNTY, NEW YORK

| FILE | SCALE |
|---|---|
| 112G08005-WE09 | AS NOTED |
| FIGURE NO. 4-1 | REV / DATE 5/31/2017 |

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APPENDICES

APPENDIX A
CHEMICAL DATA TABLES
(Provided on CD only)

## APPENDIX A

## CHEMICAL DATA TABLES

A1- TRICHLOROETHENE RESULTS

A2- NIRIS ANALYTICAL DATA QUERY RESULTS ALL VOCs

A3- ALL VOCs NOT AVAILABLE IN NIRIS

# A1- TRICHLOROETHENE RESULTS

**2001 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| FW-MW03 | 27 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-13D | 320 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-15D | 10 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-15D2 | 16 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-15I | 18 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-15S | 8 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-17D | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-17I | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-18D | 2 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-18I | 0.4 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-20D | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-20I | 0.8 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-21D | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-21I | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-21S | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-23I | 6 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-36D | 22 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-37D | 0.5 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-78I | 3 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-78S | 2 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-79D | 63 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-79I | 2 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| HN-24I | 180 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| HN-40I | 4 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| HN-40S | 3 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| HN-42I | 0.9 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| HN-42S | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| MW-52D | 33 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |

**2001 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| MW-52I | 21 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| N-10627 | 4 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| N-10631 | 0.9 | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| N-10634 | ND | 2001 | 0-300 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-34D | 140 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-37D2 | 2 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-38D | 810 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-38D2 | 1500 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-70D2 | 56 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-71D2 | 5 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-74D | 63 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| Well 18 | 190 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| Well 19 | 18 | 2001 | 300-500 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-33D2 | 500 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-34D2 | 130 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-35D2 | 350 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-36D2 | ND | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-73D2 | 1100 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-74D2 | 4 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GM-75D2 | 1400 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GP-1 WELL 1 | 500 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| GP-3 WELL 3 | 2200 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |
| Well 17 | 1600 | 2001 | 500-700 | Arcadis 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February. |

**Notes:**

ft bgs- feet below ground surface

ND- Non Detect

µg/L- micrograms per liter

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
**Page 1 of 15**

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-38 | 53 - 54 | 673 | 7/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 65 - 66 | 673 | 7/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 101 - 102 | 673 | 7/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 151 - 152 | 673 | 7/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 221 - 222 | 673 | 7/24/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 243 - 244 | 673 | 7/25/2000 | 160 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 252 - 253 | 673 | 7/25/2000 | 3400 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 263 - 264 | 673 | 7/25/2000 | 2300 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 273 - 274 | 673 | 7/25/2000 | 2400 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 283 - 284 | 673 | 7/25/2000 | 2200 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 293 - 294 | 673 | 7/25/2000 | 1100 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 302 - 303 | 673 | 7/25/2000 | 610 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 312 - 313 | 673 | 7/25/2000 | 280 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 323 - 324 | 673 | 7/25/2000 | 580 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 331 - 332 | 673 | 7/25/2000 | 990 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 343 - 344 | 673 | 7/25/2000 | 710 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 354 - 355 | 673 | 7/27/2000 | 1300 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 381 - 382 | 673 | 7/31/2000 | 500 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 391 - 392 | 673 | 7/31/2000 | 560 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 401 - 402 | 673 | 7/31/2000 | 580 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 431 - 432 | 673 | 8/1/2000 | 1 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 451 - 452 | 673 | 8/1/2000 | 860 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 461 - 462 | 673 | 8/2/2000 | 560 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 471 - 472 | 673 | 8/2/2000 | 520 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 492 - 493 | 673 | 8/2/2000 | 120 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 511 - 512 | 673 | 8/3/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38 | 533 - 534 | 673 | 8/7/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
**Page 2 of 15**

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-38R2 | 541 - 542 | 673 | 8/17/2000 | 12 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38R2 | 561 - 562 | 673 | 8/17/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38R2 | 571 - 572 | 673 | 8/21/2000 | 4 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38R2 | 621 - 622 | 673 | 8/21/2000 | 1 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38R2 | 672 - 673 | 673 | 8/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-38R2 | DM - 670 | 673 | 8/22/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-40 | 52 - 53 | 742 | 8/22/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 151 - 152 | 742 | 8/22/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 201 - 202 | 742 | 8/22/2001 | 17 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 231 - 233 | 742 | 8/22/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 241 - 242 | 742 | 8/22/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 263 - 264 | 742 | 8/22/2001 | 28 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 283 - 284 | 742 | 8/22/2001 | 320 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 302 - 303 | 742 | 8/27/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 342 - 343 | 742 | 8/27/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 362 - 363 | 742 | 8/28/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 382 - 383 | 742 | 8/28/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 401 - 402 | 742 | 8/28/2001 | 10 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 422 - 423 | 742 | 8/28/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 441 - 442 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 462 - 463 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 481 - 482 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 501 - 502 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 521 - 522 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 541 - 542 | 742 | 8/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 561 - 562 | 742 | 9/4/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 582 - 583 | 742 | 9/4/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-40 | 601 - 602 | 742 | 9/5/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 621 - 622 | 742 | 9/5/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 641 - 642 | 742 | 9/5/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 682 - 683 | 742 | 9/5/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 702 - 703 | 742 | 9/5/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 721 - 722 | 742 | 9/6/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-40 | 741 - 742 | 742 | 9/6/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-43 | 51 - 52 | 842 | 6/5/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 101 - 102 | 842 | 6/5/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 151 - 152 | 842 | 6/5/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 151 - 152 | 842 | 6/5/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 202 - 203 | 842 | 6/6/2001 | 2 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 221 - 222 | 842 | 6/6/2001 | 8 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 241 - 242 | 842 | 6/6/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 261 - 262 | 842 | 6/6/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 281 - 282 | 842 | 6/6/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 302 - 303 | 842 | 6/6/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 321 - 322 | 842 | 6/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 341 - 342 | 842 | 6/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 381 - 382 | 842 | 6/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 421 - 422 | 842 | 6/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 441 - 442 | 842 | 6/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 461 - 462 | 842 | 6/11/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 481 - 482 | 842 | 6/11/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 491 - 492 | 842 | 6/11/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 501 - 502 | 842 | 6/12/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 521 - 522 | 842 | 6/12/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
**Page 4 of 15**

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-43 | 541 - 542 | 842 | 6/12/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 571 - 572 | 842 | 6/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 581 - 582 | 842 | 6/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 601 - 602 | 842 | 6/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 621 - 622 | 842 | 6/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 641 - 642 | 842 | 6/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 661 - 662 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 681 - 682 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 701 - 702 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 721 - 722 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 741 - 742 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 761 - 762 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 781 - 782 | 842 | 6/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 802 - 803 | 842 | 6/19/2001 | 2 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 821 - 822 | 842 | 6/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-43 | 841 - 842 | 842 | 6/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 102 - 103 | 833 | 4/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 162 - 163 | 833 | 4/20/2001 | 13 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 202 - 203 | 833 | 4/20/2001 | 11 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 222 - 223 | 833 | 4/24/2001 | 11 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 242 - 243 | 833 | 4/24/2001 | 30 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 262 - 263 | 833 | 4/24/2001 | 19 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 282 - 283 | 833 | 4/24/2001 | 6 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 302 - 303 | 833 | 4/24/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 342 - 343 | 833 | 4/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 362 - 363 | 833 | 4/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 382 - 383 | 833 | 4/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-44 | 401 - 402 | 833 | 4/30/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 421 - 422 | 833 | 4/30/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 451 - 452 | 833 | 4/30/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 501 - 502 | 833 | 5/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 521 - 522 | 833 | 5/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 540 - 541 | 833 | 5/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 560 - 561 | 833 | 5/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 580 - 581 | 833 | 5/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 610 - 611 | 833 | 5/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 620 - 621 | 833 | 5/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 640 - 641 | 833 | 5/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 660 - 661 | 833 | 5/4/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 690 - 691 | 833 | 5/4/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 701 - 702 | 833 | 5/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 721 - 722 | 833 | 5/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 741 - 742 | 833 | 5/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 781 - 782 | 833 | 5/8/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 801 - 802 | 833 | 5/8/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-44 | 832 - 833 | 833 | 5/9/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 53 - 54 | 801 | 3/15/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 102 - 103 | 801 | 3/15/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 152 - 153 | 801 | 3/16/2001 | 3 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 202 - 203 | 801 | 3/16/2001 | 5 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 222 - 223 | 801 | 3/19/2001 | 7 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 242 - 243 | 801 | 3/19/2001 | 6 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 262 - 263 | 801 | 3/20/2001 | 8 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 282 - 283 | 801 | 3/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-45 | 322 - 323 | 801 | 3/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 342 - 343 | 801 | 3/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 382 - 383 | 801 | 3/21/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 452 - 453 | 801 | 3/22/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 462 - 463 | 801 | 3/23/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 482 - 483 | 801 | 3/23/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 502 - 503 | 801 | 3/23/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 522 - 523 | 801 | 3/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 582 - 583 | 801 | 3/27/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 622 - 623 | 801 | 3/28/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 642 - 643 | 801 | 3/28/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 672 - 673 | 801 | 3/29/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 682 - 683 | 801 | 3/29/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 711 - 712 | 801 | 4/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 721 - 722 | 801 | 4/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 740 - 741 | 801 | 4/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 761 - 762 | 801 | 4/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 761 - 762 | 801 | 4/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-45 | 800 - 801 | 801 | 4/3/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 52 - 53 | 782 | 2/7/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 101 - 102 | 782 | 2/8/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 152 - 153 | 782 | 2/8/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 202 - 203 | 782 | 2/9/2001 | 9 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 220 - 221 | 782 | 2/12/2001 | 23 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 241 - 242 | 782 | 2/12/2001 | 3 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 281 - 282 | 782 | 2/12/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 301 - 302 | 782 | 2/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-46 | 341 - 342 | 782 | 2/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 361 - 362 | 782 | 2/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 381 - 382 | 782 | 2/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 402 - 403 | 782 | 2/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 422 - 423 | 782 | 2/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 441 - 442 | 782 | 2/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 461 - 462 | 782 | 2/14/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 491 - 492 | 782 | 2/15/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 502 - 503 | 782 | 2/15/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 521 - 522 | 782 | 2/16/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 541 - 542 | 782 | 2/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 561 - 562 | 782 | 2/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 581 - 582 | 782 | 2/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 601 - 602 | 782 | 2/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 621 - 622 | 782 | 2/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 641 - 642 | 782 | 2/22/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 661 - 662 | 782 | 2/23/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 671 - 672 | 782 | 2/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 692 - 693 | 782 | 2/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 702 - 703 | 782 | 2/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 722 - 723 | 782 | 2/28/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 742 - 743 | 782 | 2/28/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 762 - 763 | 782 | 2/28/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-46 | 782 - 783 | 782 | 3/8/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-47 | 52 - 53 | 742 | 5/15/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 132 - 133 | 742 | 5/16/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 152 - 153 | 742 | 5/16/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-47 | 212 - 213 | 742 | 5/17/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 222 - 223 | 742 | 5/17/2001 | 5 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 242 - 243 | 742 | 5/17/2001 | 28 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 262 - 263 | 742 | 5/17/2001 | 180 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 282 - 283 | 742 | 5/17/2001 | 180 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 302 - 303 | 742 | 5/18/2001 | 280 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 344 - 345 | 742 | 5/21/2001 | 240 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 382 - 383 | 742 | 5/21/2001 | 120 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 402 - 403 | 742 | 5/22/2001 | 770 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 422 - 423 | 742 | 5/22/2001 | 18 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 482 - 483 | 742 | 5/24/2001 | 8 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 532 - 533 | 742 | 5/29/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 541 - 542 | 742 | 5/30/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 561 - 562 | 742 | 5/30/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 592 - 593 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 601 - 602 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 622 - 623 | 742 | 5/31/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 671 - 672 | 742 | 5/31/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 681 - 682 | 742 | 6/1/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 701 - 702 | 742 | 6/1/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 721 - 722 | 742 | 6/4/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-47 | 741 - 742 | 742 | 6/4/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 102 - 103 | 742 | 5/16/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 151 - 152 | 742 | 5/16/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 201 - 202 | 742 | 5/17/2001 | 100 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 222 - 223 | 742 | 5/17/2001 | 54 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 242 - 243 | 742 | 5/17/2001 | 3 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-48 | 262 - 263 | 742 | 5/17/2001 | 88 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 282 - 283 | 742 | 5/17/2001 | 23 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 302 - 303 | 742 | 5/17/2001 | 31 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 322 - 323 | 742 | 5/18/2001 | 4 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 342 - 343 | 742 | 5/18/2001 | 20 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 362 - 363 | 742 | 5/18/2001 | 30 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 382 - 383 | 742 | 5/21/2001 | 3 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 402 - 403 | 742 | 5/21/2001 | 45 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 422 - 423 | 742 | 5/21/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 442 - 443 | 742 | 5/22/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 482 - 483 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 502 - 503 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 522 - 523 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 542 - 543 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 562 - 563 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 582 - 583 | 742 | 5/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 602 - 603 | 742 | 5/25/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 620 - 621 | 742 | 5/29/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 641 - 642 | 742 | 5/29/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 661 - 662 | 742 | 5/29/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 681 - 682 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 701 - 702 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 721 - 722 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-48 | 741 - 742 | 742 | 5/30/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-50 | 50 - 51 | 821 | 9/13/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 150 - 151 | 821 | 9/17/2001 | 1 | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 201 - 202 | 821 | 9/17/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-50 | 221 - 222 | 821 | 9/18/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 242 - 243 | 821 | 9/18/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 260 - 261 | 821 | 9/18/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 282 - 283 | 821 | 9/18/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 301 - 302 | 821 | 9/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 341 - 342 | 821 | 9/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 361 - 362 | 821 | 9/19/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 390 - 391 | 821 | 9/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 401 - 402 | 821 | 9/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 440 - 441 | 821 | 9/20/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 500 - 501 | 821 | 9/24/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 520 - 521 | 821 | 9/25/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 540 - 541 | 821 | 9/25/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 561 - 562 | 821 | 9/25/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 600 - 601 | 821 | 9/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 621 - 622 | 821 | 9/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 641 - 642 | 821 | 9/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 662 - 663 | 821 | 9/26/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 691 - 692 | 821 | 9/27/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 740 - 741 | 821 | 9/27/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 780 - 781 | 821 | 10/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-50 | 820 - 821 | 821 | 10/2/2001 | ND | Tetra Tech, NUS. 2002.Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February 2002. |
| VPB-51 | 52 - 53 | 783 | 7/18/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 101 - 102 | 783 | 7/18/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 151 - 152 | 783 | 7/18/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 202 - 203 | 783 | 7/19/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 222 - 223 | 783 | 7/19/2001 | 30 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-51 | 241 - 242 | 783 | 7/19/2001 | 830 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 261 - 262 | 783 | 7/20/2001 | 6 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 282 - 283 | 783 | 7/23/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 301 - 302 | 783 | 7/23/2001 | 110 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 321 - 322 | 783 | 7/23/2001 | 83 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 341 - 342 | 783 | 7/24/2001 | 13 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 361 - 362 | 783 | 7/24/2001 | 1 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 381 - 382 | 783 | 7/24/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 402 - 403 | 783 | 7/24/2001 | 6 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 421 - 422 | 783 | 7/25/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 441 - 442 | 783 | 7/25/2001 | 2 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 461 - 462 | 783 | 7/25/2001 | 25 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 481 - 482 | 783 | 7/26/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 511 - 512 | 783 | 7/26/2001 | 27 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 521 - 522 | 783 | 7/27/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 541 - 542 | 783 | 7/30/2001 | 5 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 562 - 563 | 783 | 7/31/2001 | 3 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 580 - 581 | 783 | 7/31/2001 | 3 | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 601 - 602 | 783 | 7/31/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 620 - 621 | 783 | 8/1/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 641 - 642 | 783 | 8/1/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 701 - 702 | 783 | 8/2/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 721 - 722 | 783 | 8/2/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-51 | 782 - 783 | 783 | 8/2/2001 | ND | Tetra Tech, NUS. 2002.GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May 2002. |
| VPB-76 | 72 - 73 | 790 | 9/18/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 103 - 104 | 790 | 9/18/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 153 - 154 | 790 | 9/18/2000 | 8 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
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| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-76 | 202 - 203 | 790 | 9/19/2000 | 100 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 211 - 212 | 790 | 9/19/2000 | 81 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 222 - 223 | 790 | 9/20/2000 | 68 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 232 - 233 | 790 | 9/20/2000 | 98 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 262 - 263 | 790 | 9/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 271 - 272 | 790 | 9/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 281 - 282 | 790 | 9/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 291 - 292 | 790 | 9/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 302 - 303 | 790 | 9/25/2000 | 50 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 331 - 332 | 790 | 9/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 342 - 343 | 790 | 9/27/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 362 - 363 | 790 | 9/27/2000 | 45 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 371 - 372 | 790 | 9/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 381 - 382 | 790 | 9/28/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 401 - 402 | 790 | 9/28/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 431 - 432 | 790 | 9/29/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 441 - 442 | 790 | 10/2/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 461 - 462 | 790 | 10/2/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 481 - 482 | 790 | 10/2/2000 | 87 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 491 - 492 | 790 | 10/3/2000 | 26 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 511 - 512 | 790 | 10/3/2000 | 46 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 531 - 532 | 790 | 10/4/2000 | 96 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 541 - 542 | 790 | 10/4/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 551 - 552 | 790 | 10/4/2000 | 23 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 561 - 562 | 790 | 10/5/2000 | 42 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 572 - 573 | 790 | 10/5/2000 | 130 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 591 - 592 | 790 | 10/5/2000 | 130 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-76 | 601 - 602 | 790 | 10/6/2000 | 50 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 611 - 612 | 790 | 10/9/2000 | 200 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 622 - 623 | 790 | 10/9/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 631 - 632 | 790 | 10/9/2000 | 77 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 642 - 643 | 790 | 10/10/2000 | 52 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 662 - 663 | 790 | 10/12/2000 | 50 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 672 - 673 | 790 | 10/12/2000 | 38 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 682 - 683 | 790 | 10/12/2000 | 28 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 701 - 702 | 790 | 10/16/2000 | 120 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 711 - 712 | 790 | 10/16/2000 | 71 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 741 - 742 | 790 | 10/17/2000 | 90 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 771 - 772 | 790 | 10/17/2000 | 47 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-76 | 780 - 790 | 790 | 10/17/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 53 - 54 | 782 | 6/7/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 103 - 104 | 782 | 6/7/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 153 - 154 | 782 | 6/8/2000 | 1 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 203 - 204 | 782 | 6/8/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 213 - 214 | 782 | 6/8/2000 | 4 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 224 - 225 | 782 | 6/8/2000 | 13 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 233 - 234 | 782 | 6/9/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 243 - 244 | 782 | 6/9/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 254 - 255 | 782 | 6/12/2000 | 25 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 256 - 257 | 782 | 6/12/2000 | 25 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 264 - 265 | 782 | 6/12/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 273 - 274 | 782 | 6/12/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 283 - 284 | 782 | 6/12/2000 | 2 | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 292 - 293 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
**Page 14 of 15**

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-77 | 301 - 302 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 312 - 313 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 322 - 323 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 333 - 334 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 343 - 344 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 354 - 355 | 782 | 6/13/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 362 - 363 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 368 - 370 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 372 - 373 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 383 - 384 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 392 - 393 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 403 - 404 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 413 - 414 | 782 | 6/14/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 423 - 424 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 432 - 433 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 438 - 440 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 443 - 444 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 452 - 453 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 463 - 464 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 472 - 473 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 482 - 483 | 782 | 6/15/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 501 - 502 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 512 - 513 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 523 - 524 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 533 - 534 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 538 - 540 | 782 | 6/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 543 - 544 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

**2001 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-77 | 552 - 553 | 782 | 6/20/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 562 - 563 | 782 | 6/21/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 573 - 574 | 782 | 6/22/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 583 - 584 | 782 | 6/22/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 592 - 593 | 782 | 6/22/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 602 - 603 | 782 | 6/22/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 613 - 614 | 782 | 6/22/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 621 - 622 | 782 | 6/26/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 631 - 632 | 782 | 6/26/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 641 - 642 | 782 | 6/26/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 645 - 647 | 782 | 6/26/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 652 - 653 | 782 | 6/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 662 - 663 | 782 | 6/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 672 - 673 | 782 | 6/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 682 - 683 | 782 | 6/27/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 702 - 703 | 782 | 6/28/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 711 - 712 | 782 | 6/28/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 721 - 722 | 782 | 6/29/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 726 - 727 | 782 | 6/29/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 743 - 744 | 782 | 6/29/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 772 - 773 | 782 | 6/30/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |
| VPB-77 | 781 - 782 | 782 | 6/30/2000 | ND | Tetra Tech, NUS. 2000.Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November 2000. |

Notes:
ft bgs- feet below ground surface
ND- Non Detect
VPB- Vertical Profile Boring
µg/L- micrograms per liter

**2006 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| BPOW 1-1 | 2 | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| FW-MW03 | 3 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-13D | 120 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-15D | 1 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-15D2 | 13 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-15I | 1 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-15S | 11 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-17D | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-17I | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-18D | 11 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-18I | 0.5 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-20D | ND | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-20I | ND | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-21D | 2 | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-21I | ND | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-21S | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-36D | 6 | 2006 | 0-300 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-37D | ND | 2006 | 0-300 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-39DA | 17 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-73D | 14 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-78I | 0.6 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-78S | 0.9 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-79D | 47 | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-79I | ND | 2006 | 0-300 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| HN-24I | 15 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| HN-40I | 0.5 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| HN-40S | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| HN-42I | 2 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |

**2006 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**
**Page 2 of 3**

| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| HN-42S | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| N-10624 | 0.6 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| N-10627 | 2 | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| N-10631 | ND | 2006 | 0-300 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| BPOW 1-2 | ND | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 1-3 | 0.93 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 2-1 | 1.4 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 2-2 | 0.77 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 3-1 | ND | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-34D | 1100 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-37D2 | 3 | 2006 | 300-500 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-38D | 1100 | 2006 | 300-500 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-38D2 | 1200 | 2006 | 300-500 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-39DB | 42 | 2006 | 300-500 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-70D2 | 62 | 2006 | 300-500 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-71D2 | 5 | 2006 | 300-500 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-74D | 3 | 2006 | 300-500 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| RW1-MW1 | 52 | 2006 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Groundwater Remediation. NWIRP Bethpage, New York. January. |
| Well 18 | 140 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| Well 19 | 180 | 2006 | 300-500 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 3-2 | ND | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 4-1 | ND | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-33D2 | 120 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-34D2 | 290 | 2006 | 500-700 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-35D2 | 310 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GM-36D2 | ND | 2006 | 500-700 | Arcadis 2006. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September. |
| GM-73D2 | 96 | 2006 | 500-700 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |
| GM-74D2 | 9 | 2006 | 500-700 | Arcadis 2006. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December. |

**2006 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-75D2 | 380 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GP-1 WELL 1 | 540 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| GP-3 WELL 3 | 3200 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| Well 17 | 410 | 2006 | 500-700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |
| BPOW 4-2R | ND | 2006 | Greater than 700 | Arcadis 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August. |

**Notes:**

ft bgs- feet below ground surface

ND- Non Detect

µg/L- micrograms per liter

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-19 | 75 - 80 | 110 | 12/16/2004 | 3 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19 | 85 - 90 | 110 | 12/16/2004 | 4 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19 | 95 - 100 | 110 | 12/15/2004 | 3 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19 | 105 - 110 | 110 | 12/15/2004 | 1 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19A | 51 - 56 | 75 | 5/15/2006 | 48 | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19A | 60 - 65 | 75 | 5/12/2006 | 620 D | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19A | 70 - 75 | 75 | 5/12/2006 | 2 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-19A (REP) | 70 - 75 | 75 | 5/12/2006 | 2 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-21 | 65 - 70 | 110 | 6/9/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-21 | 79 - 84 | 110 | 6/9/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-21 | 88 - 93 | 110 | 6/9/2005 | 0.6 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-21 | 98 - 103 | 110 | 6/6/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-21 | 105 - 110 | 110 | 6/6/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 | 55 - 60 | 110 | 6/21/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 | 64 - 69 | 110 | 6/21/2005 | 12 | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 | 79 - 84 | 110 | 6/21/2005 | 8 | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 | 92 - 97 | 110 | 6/21/2005 | 7 | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 | 105 - 110 | 110 | 6/17/2005 | 0.5 J | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27 (REP) | 55 - 60 | 110 | 6/21/2005 | ND | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27A | 60 - 65 | 75 | 5/17/2006 | 1200 D | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-27A | 70 - 75 | 75 | 5/17/2006 | 22 | Arcadis 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February. |
| VPB-39 | 62 - 63 | 643 | 9/23/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 82 - 83 | 643 | 9/23/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 102 - 103 | 643 | 9/24/2002 | 1 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 122 - 123 | 643 | 9/24/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 142 - 143 | 643 | 9/24/2002 | 6 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 162 - 163 | 643 | 9/25/2002 | 3 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 182 - 183 | 643 | 9/25/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 202 - 203 | 643 | 9/25/2002 | 25 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 222 - 223 | 643 | 9/25/2002 | 2 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 262 - 263 | 643 | 9/25/2002 | 120 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-39 | 302 - 303 | 643 | 9/26/2002 | 22 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 322 - 323 | 643 | 9/26/2002 | 11 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 342 - 343 | 643 | 9/26/2002 | 5 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 362 - 363 | 643 | 9/26/2002 | 22 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 382 - 383 | 643 | 9/27/2002 | 140 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 402 - 403 | 643 | 9/30/2002 | 780 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 421 - 422 | 643 | 9/30/2002 | 14 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 442 - 443 | 643 | 9/30/2002 | 49 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 463 - 464 | 643 | 10/1/2002 | 3 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 492 - 493 | 643 | 10/1/2002 | 4 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 502 - 503 | 643 | 10/1/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 522 - 523 | 643 | 10/1/2002 | 3 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 542 - 543 | 643 | 10/1/2002 | 44 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 562 - 563 | 643 | 10/2/2002 | 23 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 582 - 583 | 643 | 10/2/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 602 - 603 | 643 | 10/3/2002 | 4 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 622 - 623 | 643 | 10/3/2002 | 2 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-39 | 642 - 643 | 643 | 10/3/2002 | 2 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-42 | 52 - 53 | 542 | 4/3/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 102 - 103 | 542 | 4/3/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 152 - 153 | 542 | 4/3/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 202 - 203 | 542 | 4/4/2002 | 11 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 222 - 223 | 542 | 4/4/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 241 - 242 | 542 | 4/4/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 262 - 263 | 542 | 4/4/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 281 - 282 | 542 | 4/4/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 301 - 302 | 542 | 4/4/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 322 - 323 | 542 | 4/5/2002 | 1 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 341 - 342 | 542 | 4/8/2002 | 2 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 361 - 362 | 542 | 4/8/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 382 - 383 | 542 | 4/8/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-42 | 401 - 402 | 542 | 4/8/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 421 - 422 | 542 | 4/9/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 441 - 442 | 542 | 4/9/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 461 - 462 | 542 | 4/9/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 481 - 482 | 542 | 4/9/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 501 - 502 | 542 | 4/9/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 521 - 522 | 542 | 4/10/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-42 | 541 - 542 | 542 | 4/10/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 52 - 53 | 742 | 3/6/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 101 - 102 | 742 | 3/6/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 152 - 153 | 742 | 3/7/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 201 - 202 | 742 | 3/7/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 221 - 222 | 742 | 3/7/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 242 - 243 | 742 | 3/8/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 261 - 262 | 742 | 3/8/2002 | 35 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 281 - 282 | 742 | 3/11/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 301 - 302 | 742 | 3/11/2002 | 27 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 321 - 322 | 742 | 3/11/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 342 - 343 | 742 | 3/12/2002 | 40 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 362 - 363 | 742 | 3/12/2002 | 6 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 411 - 412 | 742 | 3/13/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 421 - 422 | 742 | 3/13/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 441 - 442 | 742 | 3/13/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 461 - 462 | 742 | 3/13/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 481 - 482 | 742 | 3/13/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 501 - 502 | 742 | 3/14/2002 | 1 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 532 - 533 | 742 | 3/14/2002 | 1 | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-49C | 542 - 543 | 742 | 3/14/2002 | ND | Tetra Tech 2002. GM-38 VPB Installation Summary Report. NWIRP Bethpage, New York. May. |
| VPB-73 | 22 - 23 | 643 | 8/20/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 42 - 43 | 643 | 8/20/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 72 - 73 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-73 | 82 - 83 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 102 - 103 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 122 - 123 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 142 - 143 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 162 - 163 | 643 | 8/21/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 182 - 183 | 643 | 8/22/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 202 - 203 | 643 | 8/22/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 222 - 223 | 643 | 8/22/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 242 - 243 | 643 | 8/22/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 262 - 263 | 643 | 8/22/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 282 - 283 | 643 | 8/26/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 302 - 303 | 643 | 8/26/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 322 - 323 | 643 | 8/26/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 362 - 363 | 643 | 8/27/2002 | 3 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 382 - 383 | 643 | 8/27/2002 | 9 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 402 - 403 | 643 | 8/27/2002 | 40 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 422 - 423 | 643 | 8/27/2002 | 420 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 441 - 442 | 643 | 8/27/2002 | 13 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 461 - 462 | 643 | 8/28/2002 | 370 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 482 - 483 | 643 | 8/28/2002 | 14 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 502 - 503 | 643 | 8/28/2002 | 33 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 522 - 523 | 643 | 8/28/2002 | 330 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 542 - 543 | 643 | 8/28/2002 | 60 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 562 - 563 | 643 | 8/30/2002 | 11 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 592 - 593 | 643 | 9/3/2002 | 2 | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 602 - 603 | 643 | 9/4/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 622 - 623 | 643 | 9/4/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-73 | 642 - 643 | 643 | 9/4/2002 | ND | Tetra Tech 2002. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November. |
| VPB-100 | 46 - 51 | 399 | 9/15/2006 | 2.5 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 55 - 60 | 399 | 9/15/2006 | 2.4 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 75 - 85 | 399 | 9/14/2006 | 17 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-100 | 105 - 110 | 399 | 9/14/2006 | 22 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 125 - 130 | 399 | 9/13/2006 | 97 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 145 - 150 | 399 | 9/13/2006 | 190 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 160 - 165 | 399 | 9/12/2006 | 78 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 180 - 185 | 399 | 9/12/2006 | 32 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 190 - 195 | 399 | 9/12/2006 | 20 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 200 - 205 | 399 | 9/11/2006 | 11 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 210 - 215 | 399 | 9/11/2006 | 15 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 220 - 225 | 399 | 9/11/2006 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 230 - 235 | 399 | 9/8/2006 | 20 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 240 - 245 | 399 | 9/8/2006 | 47 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 250 - 255 | 399 | 9/7/2006 | 86 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 270 - 275 | 399 | 9/7/2006 | 240 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 290 - 295 | 399 | 9/6/2006 | 190 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 310 - 315 | 399 | 9/6/2006 | 18 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 330 - 335 | 399 | 9/5/2006 | 11 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 350 - 355 | 399 | 9/5/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 371 - 376 | 399 | 9/1/2006 | 0.6 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-100 | 394 - 399 | 399 | 9/1/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 60 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 80 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 100 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 120 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 140 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 167 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 180 | 507 | 6/27/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 200 | 507 | 6/30/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 227 | 507 | 6/30/2006 | 0.8 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 240 | 507 | 7/5/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-101 | 260 | 507 | 7/5/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 287 | 507 | 7/6/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 300 | 507 | 7/6/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 320 | 507 | 7/6/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 340 | 507 | 7/6/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 360 | 507 | 7/7/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 387 | 507 | 7/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 400 | 507 | 7/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 420 | 507 | 7/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 440 | 507 | 7/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 460 | 507 | 7/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 480 | 507 | 7/12/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-101 | 507 | 507 | 7/13/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 45 - 50 | 370 | 10/13/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 65 - 70 | 370 | 10/13/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 85 - 90 | 370 | 10/13/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 105 - 110 | 370 | 10/12/2006 | 34 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 125 - 130 | 370 | 10/12/2006 | 16 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 135 - 140 | 370 | 10/11/2006 | 83 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 150 - 155 | 370 | 10/11/2006 | 86 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 160 - 165 | 370 | 10/11/2006 | 140 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 170 - 175 | 370 | 10/10/2006 | 150 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 180 - 185 | 370 | 10/10/2006 | 78 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 190 - 195 | 370 | 10/6/2006 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 200 - 205 | 370 | 10/6/2006 | 62 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 220 - 225 | 370 | 10/5/2006 | 190 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 240 - 245 | 370 | 10/5/2006 | 180 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 250 - 255 | 370 | 10/4/2006 | 340 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 260 - 265 | 370 | 10/4/2006 | 440 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-102 | 290 - 295 | 370 | 10/2/2006 | 1100 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 300 - 305 | 370 | 9/29/2006 | 460 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 310 - 315 | 370 | 9/29/2006 | 100 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 325 - 330 | 370 | 9/28/2006 | 310 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 345 - 350 | 370 | 9/27/2006 | 200 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-102 | 365 - 370 | 370 | 9/27/2006 | 1.7 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 60 | 660 | 10/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 80 | 660 | 10/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 100 | 660 | 10/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 120 | 660 | 10/10/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 140 | 660 | 10/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 165 | 660 | 10/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 185 | 660 | 10/11/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 200 | 660 | 10/12/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 220 | 660 | 10/12/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 240 | 660 | 10/12/2006 | 43 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 260 | 660 | 10/12/2006 | 280 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 285 | 660 | 10/13/2006 | 25 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 320 | 660 | 10/16/2006 | 1900 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 345 | 660 | 10/16/2006 | 450 DJ | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 360 | 660 | 10/17/2006 | 380 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 380 | 660 | 10/17/2006 | 3.4 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 400 | 660 | 10/17/2006 | 0.51 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 420 | 660 | 10/18/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 440 | 660 | 10/18/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 460 | 660 | 10/18/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 480 | 660 | 10/18/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 500 | 660 | 10/19/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 525 | 660 | 10/19/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-103 | 545 | 660 | 10/20/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 560 | 660 | 10/20/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 580 | 660 | 10/23/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 600 | 660 | 10/23/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 620 | 660 | 10/23/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 640 | 660 | 10/24/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-103 | 660 | 660 | 10/24/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 60 | 880 | 7/28/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 80 | 880 | 7/28/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 100 | 880 | 7/31/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 120 | 880 | 7/31/2006 | 150 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 140 | 880 | 7/31/2006 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 160 | 880 | 7/31/2006 | 19 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 180 | 880 | 8/1/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 200 | 880 | 8/1/2006 | 3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 220 | 880 | 8/1/2006 | 5 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 240 | 880 | 8/1/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 260 | 880 | 8/2/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 280 | 880 | 8/2/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 300 | 880 | 8/2/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 320 | 880 | 8/3/2006 | 0.9 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 340 | 880 | 8/3/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 360 | 880 | 8/3/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 380 | 880 | 8/7/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 400 | 880 | 8/7/2006 | 3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 420 | 880 | 8/7/2006 | 3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 460 | 880 | 8/8/2006 | 0.3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 480 | 880 | 8/8/2006 | 72 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 500 | 880 | 8/8/2006 | 190 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-104 | 520 | 880 | 8/14/2006 | 1400 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 540 | 880 | 8/3/2006 | 3200 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 560 | 880 | 8/3/2006 | 6300 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 580 | 880 | 8/15/2006 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 600 | 880 | 8/15/2006 | 17 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 620 | 880 | 8/15/2006 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 640 | 880 | 8/16/2006 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 660 | 880 | 8/16/2006 | 11 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 680 | 880 | 8/16/2006 | 4 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 707 | 880 | 8/21/2006 | 0.5 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 720 | 880 | 8/22/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 740 | 880 | 8/22/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 760 | 880 | 8/23/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 780 | 880 | 8/23/2006 | 0.9 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 800 | 880 | 8/23/2006 | 1 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 820 | 880 | 8/24/2006 | 0.3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 840 | 880 | 8/23/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 860 | 880 | 8/24/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-104 | 880 | 880 | 8/25/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 45 - 50 | 170 | 8/2/2006 | 4 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 55 - 60 | 170 | 8/2/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 65 - 70 | 170 | 8/2/2006 | 3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 75 - 80 | 170 | 8/2/2006 | 51 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 85 - 90 | 170 | 8/1/2006 | 28 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 95 - 100 | 170 | 8/1/2006 | 12 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 102 - 107 | 170 | 8/1/2006 | 78 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 115 - 120 | 170 | 7/31/2006 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 125 - 130 | 170 | 7/31/2006 | 12 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 135 - 140 | 170 | 7/31/2006 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-105 | 145 - 150 | 170 | 7/28/2006 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 155 - 160 | 170 | 7/28/2006 | 13 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-105 | 165 - 170 | 170 | 7/28/2006 | 6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 49 - 54 | 120 | 6/30/2006 | 6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 55 - 60 | 120 | 6/30/2006 | 25 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 65 - 70 | 120 | 6/30/2006 | 85 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 75 - 80 | 120 | 6/30/2006 | 130 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 85 - 90 | 120 | 6/30/2006 | 41 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 95 - 100 | 120 | 6/29/2006 | 4 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 105 - 110 | 120 | 6/29/2006 | 9 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-106 | 115 - 120 | 120 | 6/29/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 45 - 50 | 170 | 7/25/2006 | 3 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 55 - 60 | 170 | 7/25/2006 | 13 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 65 - 70 | 170 | 7/25/2006 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 75 - 80 | 170 | 7/25/2006 | 26 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 85 - 90 | 170 | 7/25/2006 | 91 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 95 - 100 | 170 | 7/21/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 105 - 110 | 170 | 7/21/2006 | 0.6 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 119 - 124 | 170 | 7/21/2006 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 135 - 140 | 170 | 7/20/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 148 - 153 | 170 | 7/20/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-107 | 165 - 170 | 170 | 7/20/2006 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 45 - 50 | 170 | 7/14/2006 | 6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 55 - 60 | 170 | 7/14/2006 | 12 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 65 - 70 | 170 | 7/14/2006 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 75 - 80 | 170 | 7/14/2006 | 2 J | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 85 - 90 | 170 | 7/14/2006 | 16 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 95 - 100 | 170 | 7/14/2006 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 105 - 110 | 170 | 7/13/2006 | 62 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2006 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-108 | 115 - 120 | 170 | 7/13/2006 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 125 - 130 | 170 | 7/13/2006 | 370 D | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 135 - 140 | 170 | 7/13/2006 | 60 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 145 - 150 | 170 | 7/13/2006 | 77 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 155 - 160 | 170 | 7/12/2006 | 39 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-108 | 165 - 170 | 170 | 7/12/2006 | 80 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

Notes:
ft bgs- feet below ground surface
ND- Non Detect
VPB- Vertical Profile Boring
µg/L- micrograms per liter

**2011 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**
**Page 1 of 5**

| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| BPOW 1-1 | 0.86 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| FW-01 | 41 | 2011 | 0-300 | NIRIS Analytical Data Query |
| FW-02 | 3.9 | 2011 | 0-300 | NIRIS Analytical Data Query |
| FW-03 | 3.8 | 2011 | 0-300 | NIRIS Analytical Data Query |
| GM-13D | 80 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-15I | 3.1 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-15S | 2.6 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-17D | 0.44 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-17I | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-17SR | ND | 2005 | 0-300 | Arcadis 2005. First Quarter 2005 Groundwater Monitoring Report, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.September. |
| GM-18D | 2 | 2011 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-18I | 0.43 | 2011 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-18S | ND | 2005 | 0-300 | Arcadis 2005. First Quarter 2005 Groundwater Monitoring Report, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.September. |
| GM-20D | ND | 2011 | 0-300 | Arcadis 2011. Results of Third Quarter 2011 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-20I | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-21D | 0.5 | 2011 | 0-300 | Arcadis 2011. Results of Third Quarter 2011 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-21I | ND | 2011 | 0-300 | Arcadis 2011. Results of Third Quarter 2011 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-21S | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-36D | 1.2 | 2010 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |

**2011 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-37D | ND | 2010 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-39DA | 5.5 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-74I | ND | 2010 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-78I | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-78S | 0.33 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-79D | 35 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-79I | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| HN-24I | 32 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| HN-29IR | 0.57 | 2011 | 0-300 | NIRIS Analytical Data Query |
| HN-40I | 1.2 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| HN-40S | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| HN-42I | 7.3 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| HN-42S | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| MW-100-1 | ND | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| MW-100-2 | 150 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New Yor. October. |
| MW-100-3 | 64 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| MW-102-1 | 0.51 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| MW-107-1 | 110 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| MW-108-1 | 0.43 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| MW-109-3 | 1200 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| N-10624 | ND | 2011 | 0-300 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| N-10627 | 0.7 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| N-10631 | 0.74 | 2010 | 0-300 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| BPOW 1-2 | ND | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| BPOW 1-3 | ND | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 1-4 | ND | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 2-1 | ND | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 2-2 | 0.71 | 2011 | 300-500 | NIRIS Analytical Data Query |
| GM-15D | 0.76 | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-34D | 400 | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-37D2 | 0.77 | 2011 | 300-500 | Arcadis 2011. Results of Third Quarter 2011 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-38D | 490 | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-38D2 | 42 | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM38-RW3-MW3 | 250 | 2011 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |
| GM-39DB | 66 | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-70D2 | 16 | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |

**2011 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-71D2 | 8.4 | 2011 | 300-500 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM-73D | 5.6 | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-74D | 2.3 | 2010 | 300-500 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| MW-111-4 | 5,100 | 2009 | 300-500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New Yor. October. |
| RW1-MW1 | 84 | 2011 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |
| BPOW 1-5 | ND | 2011 | 500-700 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 3-1 | ND | 2011 | 500-700 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 3-2 | ND | 2011 | 500-700 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 3-3 | ND | 2011 | 500-700 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| BPOW 3-4 | 39 | 2011 | 500-700 | NIRIS Analytical Data Query |
| GM-15D2 | 10 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-33D2 | 42 | 2011 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-34D2 | 300 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-35D2 | 200 | 2009 | 500-700 | Arcadis 2010. 2009 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-36D2 | 1.1 | 2011 | 500-700 | Arcadis 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April. |
| GM38-RW03 | 332 | 2011 | 500-700 | H&S 2011. Quarterly Operations Report Second Quarter 2011 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. September. |
| GM-73D2 | 53 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |

**2011 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-74D2 | 6.6 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GM-75D2 | 120 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GP-1 WELL 1 | 370 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| GP-3 WELL 3 | 660 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| MW-116-5 | 1,100 | 2009 | 500-700 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New Yor. October. |
| Well 17 | 200 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| Well 18 | 84 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| Well 19 | 190 | 2010 | 500-700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| BPOW 4-2 | ND | 2010 | Greater than 700 | Arcadis 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York.November. |
| MW-117-5 | 0.71 | 2009 | Greater than 700 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New Yor. October. |
| MW-118-5 | ND | 2009 | Greater than 700 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New Yor. October. |

**Notes:**
ft bgs- feet below ground surface
ND- Non Detect
NIRIS- Naval Installation Restoration Information Solution
µg/L- micrograms per liter

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**
**Page 1 of 23**

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-109 | 44-49 | 521 | 2/5/2007 | 18 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 55-60 | 521 | 2/5/2007 | 44 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 65-70 | 521 | 2/5/2007 | 22 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 75-80 | 521 | 2/5/2007 | 27 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 85-90 | 521 | 2/2/2007 | 120 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 95-100 | 521 | 2/2/2007 | 200 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 105-110 | 521 | 2/2/2007 | 220 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 115-120 | 521 | 2/1/2007 | 300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 125-130 | 521 | 2/1/2007 | 150 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 135-140 | 521 | 1/31/2007 | 680 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 145-150 | 521 | 1/31/2007 | 710 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 155-160 | 521 | 1/31/2007 | 540 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 165-170 | 521 | 1/30/2007 | 1200 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 175-180 | 521 | 1/30/2007 | 1500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 185-190 | 521 | 1/30/2007 | 1700 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 195-200 | 521 | 1/29/2007 | 1500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 205-210 | 521 | 1/29/2007 | 1800 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 215-220 | 521 | 1/26/2007 | 2400 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 225-230 | 521 | 1/26/2007 | 3900 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 235-240 | 521 | 1/25/2007 | 5800 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 247-252 | 521 | 1/24/2007 | 2400 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 255-260 | 521 | 1/24/2007 | 1300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 265-270 | 521 | 1/23/2007 | 5200 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 275-280 | 521 | 1/23/2007 | 3900 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109 | 288-293 | 521 | 1/22/2007 | 5500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-109R | 302 | 521 | 5/1/2008 | 660 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 327 | 521 | 5/1/2008 | 190 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 337 | 521 | 5/2/2008 | 320 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 361 | 521 | 5/2/2008 | 3600 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 382 | 521 | 5/5/2008 | 370 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 402 | 521 | 5/5/2008 | 680 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 421 | 521 | 5/6/2008 | 690 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 447 | 521 | 5/7/2008 | 12 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 461 | 521 | 5/7/2008 | 24 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 481 | 521 | 5/8/2008 | 6.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 502 | 521 | 5/8/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-109R | 521 | 521 | 5/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 40-45 | 629 | 2/22/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 45-50 | 629 | 2/22/2007 | 0.24 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 60-65 | 629 | 2/21/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 70-75 | 629 | 2/21/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 80-85 | 629 | 2/21/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 90-95 | 629 | 2/21/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 100-105 | 629 | 2/21/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 110-115 | 629 | 2/20/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 120-125 | 629 | 2/20/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 140-145 | 629 | 2/20/2007 | 0.38 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 150-155 | 629 | 2/20/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 160-165 | 629 | 2/20/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 170-175 | 629 | 2/16/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-110 | 180-185 | 629 | 2/16/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 190-195 | 629 | 2/16/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 200-205 | 629 | 2/13/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 210-215 | 629 | 2/13/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 220-225 | 629 | 2/13/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 230-235 | 629 | 2/13/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 240-245 | 629 | 2/9/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 250-255 | 629 | 2/7/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 260-265 | 629 | 2/7/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 270-275 | 629 | 2/7/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 283-288 | 629 | 2/6/2007 | 0.39 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 295-300 | 629 | 2/6/2007 | 2.3 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 315-320 | 629 | 2/6/2007 | 6.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 325-330 | 629 | 2/5/2007 | 8.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 333-338 | 629 | 2/5/2007 | 43 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 344-349 | 629 | 2/1/2007 | 47 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 352-357 | 629 | 2/1/2007 | 14 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 362-367 | 629 | 1/31/2007 | 51 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 372-377 | 629 | 1/31/2007 | 6.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110 | 382-387 | 629 | 1/30/2007 | 120 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 384 | 629 | 7/8/2008 | 19 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 404 | 629 | 7/9/2008 | 7.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 424 | 629 | 7/9/2008 | 10 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 444 | 629 | 7/9/2008 | 9.3 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 464 | 629 | 7/10/2008 | 9.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-110R | 489 | 629 | 7/11/2008 | 9.3 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 504 | 629 | 7/11/2008 | 8.1 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 524 | 629 | 7/11/2008 | 8.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 544 | 629 | 7/14/2008 | 9 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 569 | 629 | 7/14/2008 | 10 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 584 | 629 | 7/15/2008 | 8.7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 604 | 629 | 7/15/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-110R | 629 | 629 | 7/16/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 50 | 631 | 4/17/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 70 | 631 | 4/17/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 91 | 631 | 4/17/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 111 | 631 | 4/17/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 131 | 631 | 4/18/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 151 | 631 | 4/18/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 171 | 631 | 4/18/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 191 | 631 | 4/19/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 211 | 631 | 4/19/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 231 | 631 | 4/19/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 251 | 631 | 4/19/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 271 | 631 | 4/20/2007 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 291 | 631 | 4/20/2007 | 8.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 311 | 631 | 4/20/2007 | 17 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 331 | 631 | 4/20/2007 | 25 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 351 | 631 | 4/23/2007 | 30 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 371 | 631 | 4/23/2007 | 55 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-111 | 391 | 631 | 4/24/2007 | 160 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 411 | 631 | 4/24/2007 | 240 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 431 | 631 | 4/24/2007 | 520 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 451 | 631 | 4/24/2007 | 9100 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 471 | 631 | 4/25/2007 | 6500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 491 | 631 | 4/25/2007 | 1700 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 511 | 631 | 4/25/2007 | 820 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 531 | 631 | 4/26/2007 | 430 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 551 | 631 | 4/26/2007 | 52 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 571 | 631 | 4/27/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 591 | 631 | 4/27/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 616 | 631 | 4/30/2007 | 30 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-111 | 631 | 631 | 5/1/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 60 | 700 | 5/23/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 80 | 700 | 5/23/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 100 | 700 | 5/23/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 120 | 700 | 5/24/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 140 | 700 | 5/24/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 165 | 700 | 5/24/2007 | 5.2 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 185 | 700 | 5/30/2007 | 20 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 200 | 700 | 5/30/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 220 | 700 | 5/31/2007 | 19 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 240 | 700 | 5/31/2007 | 56 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 260 | 700 | 5/31/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 280 | 700 | 5/31/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-112 | 300 | 700 | 6/1/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 320 | 700 | 6/1/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 340 | 700 | 6/1/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 360 | 700 | 6/4/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 380 | 700 | 6/4/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 410 | 700 | 6/5/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 420 | 700 | 6/6/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 440 | 700 | 6/6/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 470 | 700 | 6/7/2007 | 86 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 480 | 700 | 6/7/2007 | 26 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 500 | 700 | 6/7/2007 | 40 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 520 | 700 | 6/7/2007 | 260 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 545 | 700 | 6/8/2007 | 760 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 560 | 700 | 6/8/2007 | 480 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 580 | 700 | 6/8/2007 | 680 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 600 | 700 | 6/11/2007 | 580 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 620 | 700 | 6/13/2007 | 560 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 640 | 700 | 6/13/2007 | 120 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 660 | 700 | 6/14/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 680 | 700 | 6/14/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-112 | 700 | 700 | 6/14/2007 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 50 | 492 | 3/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 70 | 492 | 3/20/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 90 | 492 | 3/20/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 110 | 492 | 3/21/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-113 | 130 | 492 | 3/21/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 150 | 492 | 3/24/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 170 | 492 | 3/24/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 190 | 492 | 3/24/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 210 | 492 | 3/25/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 230 | 492 | 3/25/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 250 | 492 | 3/25/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 270 | 492 | 3/26/2008 | 8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 290 | 492 | 3/26/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 310 | 492 | 3/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 330 | 492 | 3/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 350 | 492 | 3/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 370 | 492 | 3/31/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 410 | 492 | 3/31/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 417 | 492 | 4/1/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 421 | 492 | 4/1/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 431 | 492 | 4/2/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 436 | 492 | 4/2/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 441 | 492 | 4/2/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 462 | 492 | 4/3/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-113 | 492 | 492 | 4/4/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 59 | 494 | 5/16/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 74 | 494 | 5/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 94 | 494 | 5/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 114 | 494 | 5/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-114 | 134 | 494 | 5/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 154 | 494 | 5/20/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 174 | 494 | 5/20/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 194 | 494 | 5/20/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 214 | 494 | 5/22/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 234 | 494 | 5/22/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 259 | 494 | 5/27/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 274 | 494 | 5/27/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 294 | 494 | 5/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 314 | 494 | 5/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 339 | 494 | 5/28/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 354 | 494 | 5/29/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 379 | 494 | 6/2/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 394 | 494 | 6/2/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 419 | 494 | 6/3/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 449 | 494 | 6/4/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 474 | 494 | 6/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-114 | 494 | 494 | 6/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 82 | 602 | 6/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 102 | 602 | 6/6/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 122 | 602 | 6/6/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 142 | 602 | 6/6/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 162 | 602 | 6/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 182 | 602 | 6/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 202 | 602 | 6/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-115 | 222 | 602 | 6/10/2008 | 6.9 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 242 | 602 | 6/10/2008 | 9.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 262 | 602 | 6/10/2008 | 8.3 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 282 | 602 | 6/11/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 302 | 602 | 6/11/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 322 | 602 | 6/11/2008 | 6.9 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 342 | 602 | 6/12/2008 | 6.2 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 362 | 602 | 6/12/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 382 | 602 | 6/13/2008 | 7.2 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 402 | 602 | 6/13/2008 | 9.4 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 422 | 602 | 6/16/2008 | 6.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 442 | 602 | 6/16/2008 | 7.6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 462 | 602 | 6/17/2008 | 7 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 482 | 602 | 6/17/2008 | 6.3 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 502 | 602 | 6/18/2008 | 6.5 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 522 | 602 | 6/18/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 542 | 602 | 6/19/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 527 | 602 | 6/19/2008 | 6.6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 562 | 602 | 6/20/2008 | 6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 582 | 602 | 6/20/2008 | 7.8 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-115 | 602 | 602 | 6/23/2008 | 8.6 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 54 | 699 | 3/4/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 74 | 699 | 3/4/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 94 | 699 | 3/4/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 114 | 699 | 3/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-116 | 134 | 699 | 3/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 154 | 699 | 3/5/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 179 | 699 | 3/6/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 194 | 699 | 3/6/2008 | 38 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 214 | 699 | 3/7/2008 | 140 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 243 | 699 | 3/7/2008 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 245 | 699 | 3/7/2008 | 18 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 274 | 699 | 3/10/2008 | 16 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 294 | 699 | 3/10/2008 | 30 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 314 | 699 | 3/11/2008 | 73 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 334 | 699 | 3/11/2008 | 23 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 369 | 699 | 3/12/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 374 | 699 | 3/12/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 394 | 699 | 3/13/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 414 | 699 | 3/13/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 434 | 699 | 3/13/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 454 | 699 | 3/14/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 474 | 699 | 3/14/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 494 | 699 | 3/14/2008 | 18 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 514 | 699 | 3/17/2008 | 470 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 544 | 699 | 3/18/2008 | 330 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 554 | 699 | 3/18/2008 | 250 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 574 | 699 | 3/18/2008 | 1900 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 594 | 699 | 3/19/2008 | 910 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 614 | 699 | 3/19/2008 | 460 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-116 | 634 | 699 | 3/20/2008 | 28 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 659 | 699 | 3/21/2008 | 43 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 674 | 699 | 3/21/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-116 | 699 | 699 | 3/24/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 54 | 764 | 12/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 104 | 764 | 12/9/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 154 | 764 | 12/10/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 204 | 764 | 12/10/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 254 | 764 | 12/10/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 304 | 764 | 12/11/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 329 | 764 | 12/11/2008 | 89 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 349 | 764 | 12/12/2008 | 61 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 374 | 764 | 12/12/2008 | 110 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 394 | 764 | 12/13/2008 | 210 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 414 | 764 | 12/15/2008 | 190 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 434 | 764 | 12/15/2008 | 74 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 454 | 764 | 12/16/2008 | 91 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 479 | 764 | 12/17/2008 | 39 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 499 | 764 | 12/17/2008 | 95 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 529 | 764 | 12/18/2008 | 130 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 549 | 764 | 12/19/2008 | 15 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 569 | 764 | 12/19/2008 | 36 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 589 | 764 | 12/19/2008 | 9.4 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 614 | 764 | 12/22/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 634 | 764 | 12/23/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-117 | 649 | 764 | 12/23/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 679 | 764 | 12/27/2008 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 714 | 764 | 1/7/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 729 | 764 | 1/8/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-117 | 764 | 764 | 1/12/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 54 | 794 | 4/9/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 104 | 794 | 4/9/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 154 | 794 | 4/10/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 209 | 794 | 4/13/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | REP | 794 | 4/13/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 259 | 794 | 4/13/2009 | 34 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 314 | 794 | 4/14/2009 | 79 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 339 | 794 | 4/15/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 359 | 794 | 4/15/2009 | 62 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 384 | 794 | 4/15/2009 | 130 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 409 | 794 | 4/16/2009 | 15 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 429 | 794 | 4/16/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 454 | 794 | 4/17/2009 | 89 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 494 | 794 | 4/20/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | REP | 794 | 4/20/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 514 | 794 | 4/22/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 534 | 794 | 4/22/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 574 | 794 | 4/23/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 614 | 794 | 4/24/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 619 | 794 | 4/24/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-118 | 639 | 794 | 4/27/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 659 | 794 | 4/27/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 679 | 794 | 4/28/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 699 | 794 | 4/28/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 729 | 794 | 4/29/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 769 | 794 | 5/4/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-118 | 794 | 794 | 5/5/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 54 | 804 | 6/18/2009 | 0.31 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 104 | 804 | 6/18/2009 | 0.51 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 159 | 804 | 6/19/2009 | 0.62 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 209 | 804 | 6/22/2009 | 1.9 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 259 | 804 | 6/22/2009 | 8.2 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 309 | 804 | 6/23/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 359 | 804 | 6/23/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 409 | 804 | 6/23/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 429 | 804 | 6/25/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 454 | 804 | 6/25/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 484 | 804 | 6/26/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 504 | 804 | 6/26/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 524 | 804 | 6/26/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 554 | 804 | 6/29/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 569 | 804 | 6/30/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | REP | 804 | 6/30/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 589 | 804 | 6/30/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 649 | 804 | 7/2/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |

| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-119 | 689 | 804 | 7/7/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 709 | 804 | 7/7/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 729 | 804 | 7/8/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 774 | 804 | 7/9/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 794 | 804 | 7/9/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-119 | 804 | 804 | 7/10/2009 | ND | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October. |
| VPB-121 | 51 | 811 | 5/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 101 | 811 | 5/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 152 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 191 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 211 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 231 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 251 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 271 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 291 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 311 | 811 | 6//3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 331 | 811 | 6/5/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 371 | 811 | 6/5/2009 | 6 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 391 | 811 | 6/5/2009 | 14 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 411 | 811 | 6/5/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 431 | 811 | 6/5/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 451 | 811 | 6/5/2009 | 1.5 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 471 | 811 | 6/5/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 491 | 811 | 6/5/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 511 | 811 | 6/5/2009 | 3.1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 531 | 811 | 6/5/2009 | 1.2 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 551 | 811 | 6/10/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 571 | 811 | 6/10/2009 | 1.8 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 611 | 811 | 6/10/2009 | 4.1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 631 | 811 | 6/10/2009 | 7.6 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 671 | 811 | 6/10/2009 | 3.4 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-121 | 691 | 811 | 6/10/2009 | 1.6 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 711 | 811 | 6/12/2009 | 1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 731 | 811 | 6/12/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 751 | 811 | 6/12/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 771 | 811 | 6/12/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 791 | 811 | 6/12/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-121 | 811 | 811 | 6/12/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 51 | 811 | 4/17/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 101 | 811 | 4/17/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 151 | 811 | 4/17/2009 | 1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB- 122 | 191 | 811 | 4/17/2009 | 2 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 211 | 811 | 4/17/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 251 | 811 | 4/17/2009 | 4 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 271 | 811 | 4/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 291 | 811 | 4/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 312 | 811 | 4/22/2009 | 8 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 332 | 811 | 4/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 371 | 811 | 4/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 391 | 811 | 4/22/2009 | 132 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 411 | 811 | 4/22/2009 | 215 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 431 | 811 | 4/22/2009 | 172 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 491 | 811 | 4/24/2009 | 8 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 511 | 811 | 4/24/2009 | 7 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 531 | 811 | 4/24/2009 | 20 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 551 | 811 | 4/24/2009 | 3 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 571 | 811 | 4/24/2009 | 8 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 591 | 811 | 4/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 611 | 811 | 4/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 631 | 811 | 4/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 651 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 671 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 691 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 711 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-122 | 731 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 751 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 771 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 790 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-122 | 811 | 811 | 4/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 51 | 731 | 3/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 101 | 731 | 3/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 171 | 731 | 3/29/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 231 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 251 | 731 | 4/1/2009 | 1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 271 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 292 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 331 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 351 | 731 | 4/1/2009 | 1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 371 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 391 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 411 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 431 | 731 | 4/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 451 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 472 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 491 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 511 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 531 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 551 | 731 | 4/3/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 651 | 731 | 4/8/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 671 | 731 | 4/8/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 691 | 731 | 4/9/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 711 | 731 | 4/9/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-123 | 731 | 731 | 4/9/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 51 | 812 | 3/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 101 | 812 | 3/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 152 | 812 | 3/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 191 | 812 | 3/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-124 | 211 | 812 | 3/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 231 | 812 | 3/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 271 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 291 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 312 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 331 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 351 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 371 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 391 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 411 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 431 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 451 | 812 | 3/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 491 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 511 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 531 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 551 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 571 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 592 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 631 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 651 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 691 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 711 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 731 | 812 | 3/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 751 | 812 | 3/18/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-124 | 812 | 812 | 3/18/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 71 | 751 | 1/30/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 101 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 151 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 203 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 231 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 251 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 271 | 751 | 2/4/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 291 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-125 | 311 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 331 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 351 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 371 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 391 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 411 | 751 | 2/6/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 432 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 471 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 491 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 511 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 531 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 551 | 751 | 2/11/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 571 | 751 | 2/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 591 | 751 | 2/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 611 | 751 | 2/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 632 | 751 | 2/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 651 | 751 | 2/13/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 671 | 751 | 2/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 691 | 751 | 2/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 711 | 751 | 2/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-125 | 751 | 751 | 2/25/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 51 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 101 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 151 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 191 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 211 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 231 | 811 | 6/22/2009 | 2.1 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 251 | 811 | 6/22/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 271 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 291 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 311 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 331 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 371 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-126 | 391 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 411 | 811 | 6/24/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 451 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 471 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 491 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 511 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 531 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 551 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 571 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 591 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 611 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 631 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 651 | 811 | 6/26/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 691 | 811 | 7/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 751 | 811 | 7/1/2009 | 137 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 791 | 811 | 7/1/2009 | 2 | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-126 | 811 | 811 | 7/1/2009 | ND | TTNUS 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September. |
| VPB-127 | 57 | 807 | 11/4/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 97 | 807 | 11/5/2010 | 0.6 | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 153 | 807 | 11/8/2010 | 10 | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 207 | 807 | 11/8/2010 | 4.6 | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 227 | 807 | 11/9/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 247 | 807 | 11/9/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 267 | 807 | 11/9/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 287 | 807 | 11/9/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 307 | 807 | 11/10/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 327 | 807 | 11/10/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 347 | 807 | 11/11/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 367 | 807 | 11/11/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 387 | 807 | 11/11/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 407 | 807 | 11/11/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 427 | 807 | 11/12/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-127 | 447 | 807 | 11/15/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 467 | 807 | 11/15/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 487 | 807 | 11/15/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 507 | 807 | 11/16/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 527 | 807 | 11/16/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 547 | 807 | 11/16/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 567 | 807 | 11/16/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 587 | 807 | 11/17/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 607 | 807 | 11/17/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 627 | 807 | 11/17/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 647 | 807 | 11/17/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 667 | 807 | 11/18/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 687 | 807 | 11/18/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 707 | 807 | 11/18/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 727 | 807 | 11/19/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 747 | 807 | 11/22/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 787 | 807 | 11/22/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-127 | 807 | 807 | 11/22/2010 | ND | Tetra Tech 2012. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August. |
| VPB-128 | 58 | 808 | 1/3/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 103 | 808 | 1/4/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 148 | 808 | 1/5/2011 | 0.3 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 188 | 808 | 1/5/2011 | 0.7 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 208 | 808 | 1/5/2011 | 0.4 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 228 | 808 | 1/6/2011 | 0.4 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 248 | 808 | 1/6/2011 | 0.3 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 268 | 808 | 1/6/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 288 | 808 | 1/7/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 308 | 808 | 1/10/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 328 | 808 | 1/10/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 348 | 808 | 1/11/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 368 | 808 | 1/13/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 388 | 808 | 1/14/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 408 | 808 | 1/17/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-128 | 448 | 808 | 1/17/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 468 | 808 | 1/18/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 488 | 808 | 1/19/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 508 | 808 | 1/19/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 528 | 808 | 1/19/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 548 | 808 | 1/20/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 568 | 808 | 1/20/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 588 | 808 | 1/20/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 608 | 808 | 1/24/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 628 | 808 | 1/25/2011 | ND | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 648 | 808 | 1/25/2011 | 15 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 668 | 808 | 1/25/2011 | 21 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 688 | 808 | 1/26/2011 | 11 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 728 | 808 | 1/26/2011 | 4 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 748 | 808 | 1/26/2011 | 4 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 788 | 808 | 1/26/2011 | 0.29 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB-128 | 808 | 808 | 1/26/2011 | 0.23 | Tetra Tech 2012. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August. |
| VPB129 | 57 | 848 | 8/24/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 102 | 848 | 8/25/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 147 | 848 | 8/25/2011 | 9.1 | NIRIS Analytical Data Query |
| VPB129 | 187 | 848 | 8/26/2011 | 19 | NIRIS Analytical Data Query |
| VPB129 | 207 | 848 | 8/29/2011 | 57 | NIRIS Analytical Data Query |
| VPB129 | 227 | 848 | 8/29/2011 | 220 | NIRIS Analytical Data Query |
| VPB129 | 247 | 848 | 8/29/2011 | 0.78 | NIRIS Analytical Data Query |
| VPB129 | 267 | 848 | 8/29/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 287 | 848 | 8/30/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 327 | 848 | 8/31/2011 | 96 | NIRIS Analytical Data Query |
| VPB129 | 347 | 848 | 9/1/2011 | 16 | NIRIS Analytical Data Query |
| VPB129 | 367 | 848 | 9/1/2011 | 5 | NIRIS Analytical Data Query |
| VPB129 | 387 | 848 | 9/1/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 407 | 848 | 9/6/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 427 | 848 | 9/6/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 447 | 848 | 9/6/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 467 | 848 | 9/7/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 487 | 848 | 9/7/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 507 | 848 | 9/7/2011 | 160 | NIRIS Analytical Data Query |
| VPB129 | 527 | 848 | 9/8/2011 | ND | NIRIS Analytical Data Query |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB129 | 547 | 848 | 9/8/2011 | 34 | NIRIS Analytical Data Query |
| VPB129 | 587 | 848 | 9/12/2011 | 65 | NIRIS Analytical Data Query |
| VPB129 | 607 | 848 | 9/12/2011 | 170 | NIRIS Analytical Data Query |
| VPB129 | 627 | 848 | 9/19/2011 | 66 | NIRIS Analytical Data Query |
| VPB129 | 647 | 848 | 9/19/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 667 | 848 | 9/19/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 687 | 848 | 9/20/2011 | 12 | NIRIS Analytical Data Query |
| VPB129 | 707 | 848 | 9/20/2011 | 9.8 | NIRIS Analytical Data Query |
| VPB129 | 747 | 848 | 9/20/2011 | 19 | NIRIS Analytical Data Query |
| VPB129 | 767 | 848 | 9/21/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 787 | 848 | 9/21/2011 | ND | NIRIS Analytical Data Query |
| VPB129 | 847 | 848 | 9/22/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 57 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 102 | 847 | 6/17/2011 | 7.8 | NIRIS Analytical Data Query |
| VPB-130 | 147 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 227 | 847 | 6/17/2011 | 7.8 | NIRIS Analytical Data Query |
| VPB-130 | 247 | 847 | 6/17/2011 | 2.8 | NIRIS Analytical Data Query |
| VPB-130 | 267 | 847 | 6/17/2011 | 3 | NIRIS Analytical Data Query |
| VPB-130 | 287 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 307 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 327 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 347 | 847 | 6/17/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 367 | 847 | 6/20/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 387 | 847 | 6/20/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 407 | 847 | 6/20/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 427 | 847 | 6/20/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 447 | 847 | 6/20/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 487 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 507 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 527 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 547 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 567 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 587 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 627 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 647 | 847 | 6/23/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 667 | 847 | 6/27/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 687 | 847 | 6/27/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 707 | 847 | 6/27/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 747 | 847 | 6/28/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 767 | 847 | 6/28/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 787 | 847 | 6/28/2011 | ND | NIRIS Analytical Data Query |
| VPB-130 | 807 | 847 | 6/28/2011 | ND | NIRIS Analytical Data Query |

**2011 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB-130 | 847 | 847 | 6/28/2011 | ND | NIRIS Analytical Data Query |

**Notes:**
ft bgs- feet below ground surface
ND- Non Detect
NIRIS- Naval Installation Restoration Information Solution
VPB- Vertical Profile Boring
µg/L- micrograms per liter

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| B24MW-2 | 2.7 | DEC 2015 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| B30MW-1 | ND | DEC 2015 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| BCPMW-1 | 190 | SEP 2009 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| BCPMW-3 | 470 | SEP 2009 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| BPOW 1-1 | 1.1 | NOV 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| FW-03 | 2.2 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-13D | 68.8 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-15I | ND | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-15S | 6.5 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-17D | 1.1 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-17I | 1.7 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-18D | 0.4 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-18I | 0.4 | NOV 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-20D | 1.0 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-20I | 0.6 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-21D | 2.6 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-21D2 | 159 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-21I | 0.6 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-21S | 0.9 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-36D | ND | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-37D | 0.7 | MAY 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-39DA | 3.3 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-74I | 1.0 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-78I | 0.4 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-78S | 0.6 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-79D | 19.7 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-79I | ND | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| HN-24IR | 18.9 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| HN-40I | ND | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| HN-40S | ND | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| HN-42I | 0.6 | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| HN-42S | ND | APR 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| MW-109-3 | 1200 | 2009 | 0-300 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| MW-208-1 | 17.4 | DEC 2015 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| MW-67D | 2.1 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-67S | 2.5 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-68D | 5.9 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| MW-68S | 110 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-72D1 | ND | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-72D2 | 29.0 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-73D2 | 4.0 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-75D2 | 8.6 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-77D2 | 21.0 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-85D2 | 4.3 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-85I | ND | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-86D1 | ND | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-86D2 | 83.0 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-89D2 | 9.4 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-93D1 | 1.2 | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| MW-93D2 | ND | OCT 2015 | 0-300 | OXY Glenn Springs Holdings, Inc., 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January |
| N-10624 | ND | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| N-10627 | 0.4 | JUN 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| N-10631 | 1.2 | OCT 2015 | 0-300 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| RW-1 | ND | APR 2016 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| RW-2 | 8.6 | APR 2016 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| RW-3 | 2.6 | APR 2016 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| RW-4 | 0.7 | APR 2016 | 0-300 | Arcadis, 2016. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May |
| BPOW 1-2 | 0.3 | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 1-3 | ND | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 1-4 | ND | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 2-1 | ND | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 2-2 | ND | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 5-1 | ND | NOV 2016 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-15D | 0.3 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-34D | 412 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-37D2 | 2.3 | APR 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-38D | 140 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-38D2 | 148 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-38D2 | 148 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM38-RW01 | 130 | 2016 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM38-RW03 | 230 | SEPT 2016 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |
| GM-39DB | 37.6 | DEC 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-70D2 | 10.3 | JUN 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-71D2 | 11.0 | MAY 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-73D | 9.1 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-74D | 1.3 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-78D | 3.3 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-78D2 | 1.4 | OCT 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| MW 3-1 | 58.4 | NOV 2015 | 300-500 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| MW-111-4 | 5100 | 2009 | 300-500 | Arcadis 2009. Remedial Investigation Report (Study Area Groundwater) Operable Unit 3 (Former Grumman Settling Ponds. Bethpage, New York. October. |
| RE104D1 | 84.0 | DEC 2016 | 300-500 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE123D1 | 7.3 | DEC 2016 | 300-500 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE125D1 | 180 | DEC 2016 | 300-500 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE131D1 | 100 | DEC 2016 | 300-500 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RW1-MW1 | 110 | JUN 2016 | 300-500 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |
| RW-21_MW-12-1 | 103 | DEC 2015 | 300-500 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-4 | 249 | DEC 2015 | 300-500 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-5-1 | 47.3 | DEC 2015 | 300-500 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-8 | 452 | DEC 2015 | 300-500 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| TT101D | 68.0 | DEC 2016 | 300-500 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| BPOW 1-5 | ND | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 2-3 | ND | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 3-1 | ND | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 3-2 | ND | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 3-3 | ND | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 3-4 | 80.7 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 4-1R | 1.0 | NOV 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 5-2 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 5-3 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 5-4 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 5-5 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 5-6 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 5-7 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 6-4 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 6-5 | ND | NOV 2016 | 500-700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| GM-15D2 | 9.0 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-33D2 | 17.5 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-34D2 | 157 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-35D2 | 63.3 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-36D2 | 2.6 | APR 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM38-RW03 | 230 | SEPT 2016 | 500-700 | KGS 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January. |
| GM-73D2 | 169 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-73D3 | 1.7 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-74D2 | 7.2 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| GM-74D3 | 5.5 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| GM-75D2 | 18.7 | OCT 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| RE103D1 | 940 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE103D2 | 780 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE105D1 | 110 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE107D1 | 17.0 | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE107D2 | 140 | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE107D3 | ND | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE108D1 | 56.0 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE108D2 | 2900 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE114D1 | 370 | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE114D2 | 70.0 | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE120D1 | 1000 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE121D1 | 29.0 | DEC 2015 | 500-700 | NIRIS Analytical Data Query |
| RE122D1 | 520 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE122D2 | 5300 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE123D2 | 1.8 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE125D2 | 240 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE126D1 | 26.0 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE126D2 | 530 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE126D3 | 3.3 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE128D1 | ND | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE131D2 | 54.0 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE131D3 | 6.6 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RW-21_MW-1 | 2600 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-11 | 1360 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| RW-21_MW-12-2 | ND | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-2 | 2740 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-3-1 | 8870 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-3-2 | 3220 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-5-2 | 8.6 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-6 | 1800 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-7 | 6490 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| RW-21_MW-9 | 450 | DEC 2015 | 500-700 | Arcadis, 2016. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February |
| TT-101D1 | 190 | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| TT-102D | ND | DEC 2016 | 500-700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| WELL 1 | 768 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| WELL 17 | 159 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| Well 18 | 51.2 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| Well 19 | 141 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| WELL 3 | 510 | DEC 2015 | 500-700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 1-6 | ND | NOV 2015 | Greater than 700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 4-2R | 1.5 | NOV 2015 | Greater than 700 | Arcadis 2016. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March. |
| BPOW 6-2 | ND | NOV 2016 | Greater than 700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 6-3 | ND | NOV 2016 | Greater than 700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |
| BPOW 6-6 | ND | NOV 2016 | Greater than 700 | Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED |

**2016 Trichloroethene (TCE) Concentrations**
**Groundwater Locations**
**Former NWIRP Bethpage, New York**


| LOCATION | TCE µg/L | DATE | PLUME DEPTH (ft bgs) | DATA SOURCE |
|---|---|---|---|---|
| RE103D3 | 500 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE104D2 | 10.0 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE104D3 | 0.6 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE105D2 | 1800 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE114D3 | 43.0 | DEC 2015 | Greater than 700 | NIRIS Analytical Data Query |
| RE117D1 | 17.0 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE117D2 | ND | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE118D1 | ND | DEC 2015 | Greater than 700 | NIRIS Analytical Data Query |
| RE119D1 | ND | DEC 2015 | Greater than 700 | NIRIS Analytical Data Query |
| RE120D2 | 670 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE120D3 | 41.0 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE121D2 | 480 | DEC 2015 | Greater than 700 | NIRIS Analytical Data Query |
| RE122D3 | 5.1 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE123D3 | ND | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE125D3 | 150 | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE128D2 | ND | DEC 2016 | Greater than 700 | Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED |
| RE129D1 | ND | DEC 2016 | Greater than 700 | Resolution Consultants 2016. 2016 OU2 Groundwater Investigation RE129D1, RE129D2 (VPB163) Installation Report NWIRP Bethpage, NY. December |
| RE129D2 | ND | DEC 2016 | Greater than 700 | Resolution Consultants 2016. 2016 OU2 Groundwater Investigation RE129D1, RE129D2 (VPB163) Installation Report NWIRP Bethpage, NY. December |
| TT-101D2 | 740 | DEC 2016 | Greater than 700 | NIRIS Analytical Data Query |
| TT-102D2 | 1.4 | DEC 2016 | Greater than 700 | NIRIS Analytical Data Query |

**Notes:**
ft bgs- feet below ground surface
ND- Non Detect
NIRIS- Naval Installation Restoration Information Solution
µg/L- micrograms per liter

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB131 | 68 | 843 | 3/15/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 118 | 843 | 3/16/2012 | 0.81 | NIRIS Analytical Data Query |
| VPB131 | 168 | 843 | 3/19/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 208 | 843 | 3/19/2012 | 3.4 | NIRIS Analytical Data Query |
| VPB131 | 228 | 843 | 3/19/2012 | 1.2 | NIRIS Analytical Data Query |
| VPB131 | 248 | 843 | 3/19/2012 | 2.5 | NIRIS Analytical Data Query |
| VPB131 | 268 | 843 | 3/20/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 288 | 843 | 3/20/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 308 | 843 | 3/20/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 328 | 843 | 3/20/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 348 | 843 | 3/21/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 368 | 843 | 3/21/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 388 | 843 | 3/21/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 408 | 843 | 3/21/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 428 | 843 | 3/22/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 448 | 843 | 3/22/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 468 | 843 | 3/23/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 488 | 843 | 3/23/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 508 | 843 | 3/26/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 528 | 843 | 3/27/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 548 | 843 | 3/27/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 568 | 843 | 3/28/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 588 | 843 | 3/28/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 608 | 843 | 3/28/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 618 | 843 | 3/29/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 628 | 843 | 3/29/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 638 | 843 | 3/29/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 703 | 843 | 4/4/2012 | 61 | NIRIS Analytical Data Query |
| VPB131 | 723 | 843 | 4/4/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 823 | 843 | 4/6/2012 | ND | NIRIS Analytical Data Query |
| VPB131 | 843 | 843 | 4/6/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 60 | 942 | 1/24/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 120 | 942 | 1/24/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 180 | 942 | 1/25/2012 | 0.66 | NIRIS Analytical Data Query |
| VPB132 | 220 | 942 | 1/25/2012 | 3.1 | NIRIS Analytical Data Query |
| VPB132 | 240 | 942 | 1/25/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 260 | 942 | 1/26/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 280 | 942 | 1/26/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 300 | 942 | 1/30/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 320 | 942 | 1/30/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 340 | 942 | 1/31/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 360 | 942 | 1/31/2012 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB132 | 380 | 942 | 1/30/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 400 | 942 | 2/1/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 420 | 942 | 2/1/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 440 | 942 | 2/1/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 460 | 942 | 2/2/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 480 | 942 | 2/2/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 500 | 942 | 2/2/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 520 | 942 | 2/3/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 540 | 942 | 2/6/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 560 | 942 | 2/6/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 580 | 942 | 2/7/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 600 | 942 | 2/7/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 640 | 942 | 2/8/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 680 | 942 | 2/8/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 700 | 942 | 2/9/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 720 | 942 | 2/9/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 740 | 942 | 2/9/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 760 | 942 | 2/13/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 780 | 942 | 2/13/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 820 | 942 | 2/14/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 840 | 942 | 2/14/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 860 | 942 | 2/15/2012 | ND | NIRIS Analytical Data Query |
| VPB132 | 941 | 942 | 2/21/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 57 | 974 | 1/4/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 113 | 974 | 1/4/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 147 | 974 | 1/5/2012 | 0.79 | NIRIS Analytical Data Query |
| VPB133 | 148 | 974 | 1/5/2012 | 1.4 | NIRIS Analytical Data Query |
| VPB133 | 193 | 974 | 1/6/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 233 | 974 | 1/9/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 253 | 974 | 1/9/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 273 | 974 | 1/10/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 293 | 974 | 1/10/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 313 | 974 | 1/10/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 333 | 974 | 1/11/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 353 | 974 | 1/11/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 373 | 974 | 1/11/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 393 | 974 | 1/12/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 413 | 974 | 1/12/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 433 | 974 | 1/12/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 434 | 974 | 1/13/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 473 | 974 | 1/13/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 493 | 974 | 1/13/2012 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB133 | 513 | 974 | 1/16/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 533 | 974 | 1/16/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 553 | 974 | 1/17/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 573 | 974 | 1/17/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 593 | 974 | 1/17/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 613 | 974 | 1/18/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 633 | 974 | 1/18/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 653 | 974 | 1/18/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 693 | 974 | 1/20/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 703 | 974 | 1/20/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 713 | 974 | 1/23/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 733 | 974 | 1/23/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 743 | 974 | 1/24/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 753 | 974 | 1/24/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 763 | 974 | 1/24/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 783 | 974 | 1/25/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 793 | 974 | 1/25/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 807 | 974 | 1/26/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 813 | 974 | 1/26/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 823 | 974 | 1/27/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 833 | 974 | 1/27/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 843 | 974 | 1/30/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 853 | 974 | 1/30/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 863 | 974 | 1/31/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 873 | 974 | 1/31/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 883 | 974 | 1/31/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 903 | 974 | 2/1/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 938 | 974 | 2/2/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 958 | 974 | 2/2/2012 | ND | NIRIS Analytical Data Query |
| VPB133 | 973 | 974 | 2/3/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 62 | 797 | 8/20/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 107 | 797 | 8/20/2012 | 7 | NIRIS Analytical Data Query |
| VPB134 | 152 | 797 | 8/20/2012 | 35 | NIRIS Analytical Data Query |
| VPB134 | 197 | 797 | 8/21/2012 | 17 | NIRIS Analytical Data Query |
| VPB134 | 217 | 797 | 8/21/2012 | 3.3 | NIRIS Analytical Data Query |
| VPB134 | 237 | 797 | 8/21/2012 | 91 | NIRIS Analytical Data Query |
| VPB134 | 257 | 797 | 8/21/2012 | 11 | NIRIS Analytical Data Query |
| VPB134 | 277 | 797 | 8/22/2012 | 41 | NIRIS Analytical Data Query |
| VPB134 | 297 | 797 | 8/22/2012 | 40 | NIRIS Analytical Data Query |
| VPB134 | 317 | 797 | 8/22/2012 | 42 | NIRIS Analytical Data Query |
| VPB134 | 337 | 797 | 8/22/2012 | 420 | NIRIS Analytical Data Query |
| VPB134 | 357 | 797 | 8/23/2012 | 61 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB134 | 377 | 797 | 8/23/2012 | 94 | NIRIS Analytical Data Query |
| VPB134 | 397 | 797 | 8/24/2012 | 2400 | NIRIS Analytical Data Query |
| VPB134 | 417 | 797 | 8/27/2012 | 31 | NIRIS Analytical Data Query |
| VPB134 | 437 | 797 | 8/28/2012 | 19 | NIRIS Analytical Data Query |
| VPB134 | 457 | 797 | 8/28/2012 | 1.8 | NIRIS Analytical Data Query |
| VPB134 | 477 | 797 | 8/28/2012 | 2.2 | NIRIS Analytical Data Query |
| VPB134 | 497 | 797 | 8/28/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 517 | 797 | 8/29/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 537 | 797 | 8/29/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 577 | 797 | 8/30/2012 | 1.2 | NIRIS Analytical Data Query |
| VPB134 | 597 | 797 | 8/30/2012 | 1.2 | NIRIS Analytical Data Query |
| VPB134 | 617 | 797 | 8/30/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 637 | 797 | 8/31/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 657 | 797 | 9/4/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 677 | 797 | 9/4/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 697 | 797 | 9/4/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 768 | 797 | 9/6/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 787 | 797 | 9/6/2012 | ND | NIRIS Analytical Data Query |
| VPB134 | 797 | 797 | 9/7/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 62 | 823 | 7/12/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 107 | 823 | 7/12/2012 | 9.9 | NIRIS Analytical Data Query |
| VPB135 | 152 | 823 | 7/12/2012 | 14 | NIRIS Analytical Data Query |
| VPB135 | 197 | 823 | 7/13/2012 | 4000 | NIRIS Analytical Data Query |
| VPB135 | 217 | 823 | 7/13/2012 | 140 | NIRIS Analytical Data Query |
| VPB135 | 237 | 823 | 7/16/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 257 | 823 | 7/16/2012 | 4.2 | NIRIS Analytical Data Query |
| VPB135 | 277 | 823 | 7/16/2012 | 16 | NIRIS Analytical Data Query |
| VPB135 | 297 | 823 | 7/17/2012 | 35 | NIRIS Analytical Data Query |
| VPB135 | 317 | 823 | 7/17/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 337 | 823 | 7/18/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 357 | 823 | 7/18/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 377 | 823 | 7/18/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 397 | 823 | 7/19/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 417 | 823 | 7/20/2012 | 1.5 | NIRIS Analytical Data Query |
| VPB135 | 437 | 823 | 7/20/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 457 | 823 | 7/23/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 477 | 823 | 7/23/2012 | 3.1 | NIRIS Analytical Data Query |
| VPB135 | 517 | 823 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 537 | 823 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 557 | 823 | 7/25/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 577 | 823 | 7/25/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 597 | 823 | 7/26/2012 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB135 | 617 | 823 | 7/26/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 637 | 823 | 7/26/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 657 | 823 | 7/26/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 677 | 823 | 7/27/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 697 | 823 | 7/27/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 783 | 823 | 8/1/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 813 | 823 | 8/1/2012 | ND | NIRIS Analytical Data Query |
| VPB135 | 823 | 823 | 8/1/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 60 | 801 | 7/10/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 100 | 801 | 7/11/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 160 | 801 | 7/11/2012 | 4.6 | NIRIS Analytical Data Query |
| VPB136 | 220 | 801 | 7/11/2012 | 1.7 | NIRIS Analytical Data Query |
| VPB136 | 240 | 801 | 7/12/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 260 | 801 | 7/20/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 260 | 801 | 7/12/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 280 | 801 | 7/12/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 300 | 801 | 7/13/2012 | 1.3 | NIRIS Analytical Data Query |
| VPB136 | 320 | 801 | 7/16/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 340 | 801 | 7/16/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 360 | 801 | 7/16/2012 | 0.53 | NIRIS Analytical Data Query |
| VPB136 | 380 | 801 | 7/17/2012 | 0.77 | NIRIS Analytical Data Query |
| VPB136 | 400 | 801 | 7/17/2012 | 1 | NIRIS Analytical Data Query |
| VPB136 | 420 | 801 | 7/17/2012 | 1.8 | NIRIS Analytical Data Query |
| VPB136 | 440 | 801 | 7/18/2012 | 15 | NIRIS Analytical Data Query |
| VPB136 | 460 | 801 | 7/18/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 480 | 801 | 7/18/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 500 | 801 | 7/19/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 520 | 801 | 7/19/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 540 | 801 | 7/19/2012 | 13 | NIRIS Analytical Data Query |
| VPB136 | 580 | 801 | 7/23/2012 | 2.6 | NIRIS Analytical Data Query |
| VPB136 | 600 | 801 | 7/23/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 620 | 801 | 7/23/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 640 | 801 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 660 | 801 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 680 | 801 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 700 | 801 | 7/24/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 740 | 801 | 7/25/2012 | ND | NIRIS Analytical Data Query |
| VPB136 | 801 | 801 | 7/27/2012 | ND | NIRIS Analytical Data Query |
| VPB137 | 58 | 890 | 11/15/2012 | ND | NIRIS Analytical Data Query |
| VPB137 | 98 | 890 | 11/15/2012 | ND | NIRIS Analytical Data Query |
| VPB137 | 158 | 890 | 11/15/2012 | 0.9 | NIRIS Analytical Data Query |
| VPB137 | 198 | 890 | 11/16/2012 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB137 | 218 | 890 | 11/16/2012 | 0.54 | NIRIS Analytical Data Query |
| VPB137 | 238 | 890 | 11/19/2012 | 3.9 | NIRIS Analytical Data Query |
| VPB137 | 258 | 890 | 11/19/2012 | 3.6 | NIRIS Analytical Data Query |
| VPB137 | 318 | 890 | 11/20/2012 | 4.5 | NIRIS Analytical Data Query |
| VPB137 | 328 | 890 | 11/20/2012 | 0.45 | NIRIS Analytical Data Query |
| VPB137 | 358 | 890 | 11/21/2012 | 0.94 | NIRIS Analytical Data Query |
| VPB137 | 388 | 890 | 11/26/2012 | 3.2 | NIRIS Analytical Data Query |
| VPB137 | 398 | 890 | 11/26/2012 | 16 | NIRIS Analytical Data Query |
| VPB137 | 398 | 890 | 11/26/2012 | 15 | NIRIS Analytical Data Query |
| VPB137 | 418 | 890 | 11/27/2012 | 11 | NIRIS Analytical Data Query |
| VPB137 | 438 | 890 | 11/27/2012 | 13 | NIRIS Analytical Data Query |
| VPB137 | 468 | 890 | 11/28/2012 | 21 | NIRIS Analytical Data Query |
| VPB137 | 478 | 890 | 11/28/2012 | 27 | NIRIS Analytical Data Query |
| VPB137 | 498 | 890 | 11/29/2012 | 12 | NIRIS Analytical Data Query |
| VPB137 | 520 | 890 | 11/29/2012 | 22 | NIRIS Analytical Data Query |
| VPB137 | 538 | 890 | 11/28/2012 | 330 | NIRIS Analytical Data Query |
| VPB137 | 558 | 890 | 11/30/2012 | 1100 | NIRIS Analytical Data Query |
| VPB137 | 580 | 890 | 11/30/2012 | 520 | NIRIS Analytical Data Query |
| VPB137 | 598 | 890 | 12/3/2012 | 1700 | NIRIS Analytical Data Query |
| VPB137 | 648 | 890 | 12/4/2012 | 280 | NIRIS Analytical Data Query |
| VPB137 | 668 | 890 | 12/5/2012 | 1800 | NIRIS Analytical Data Query |
| VPB137 | 693 | 890 | 12/6/2012 | 400 | NIRIS Analytical Data Query |
| VPB137 | 698 | 890 | 12/6/2012 | 11 | NIRIS Analytical Data Query |
| VPB137 | 718 | 890 | 12/6/2012 | 0.57 | NIRIS Analytical Data Query |
| VPB137 | 738 | 890 | 12/7/2012 | 1.6 | NIRIS Analytical Data Query |
| VPB137 | 763 | 890 | 12/10/2012 | ND | NIRIS Analytical Data Query |
| VPB137 | 838 | 890 | 12/11/2012 | ND | NIRIS Analytical Data Query |
| VPB138 | 58 | 935 | 3/18/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 123 | 935 | 3/19/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 158 | 935 | 3/19/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 208 | 935 | 3/20/2013 | 0.32 | NIRIS Analytical Data Query |
| VPB138 | 238 | 935 | 3/21/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 258 | 935 | 3/21/2013 | 6.8 | NIRIS Analytical Data Query |
| VPB138 | 278 | 935 | 3/21/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 298 | 935 | 3/23/2013 | 1.6 | NIRIS Analytical Data Query |
| VPB138 | 338 | 935 | 3/25/2013 | 32 | NIRIS Analytical Data Query |
| VPB138 | 338 | 935 | 3/25/2013 | 32 | NIRIS Analytical Data Query |
| VPB138 | 358 | 935 | 3/25/2013 | 3.6 | NIRIS Analytical Data Query |
| VPB138 | 378 | 935 | 3/25/2013 | 78 | NIRIS Analytical Data Query |
| VPB138 | 398 | 935 | 3/26/2013 | 90 | NIRIS Analytical Data Query |
| VPB138 | 418 | 935 | 3/26/2013 | 4.5 | NIRIS Analytical Data Query |
| VPB138 | 438 | 935 | 3/26/2013 | 0.68 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB138 | 458 | 935 | 3/27/2013 | 1.3 | NIRIS Analytical Data Query |
| VPB138 | 478 | 935 | 3/27/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 503 | 935 | 3/27/2013 | 3.7 | NIRIS Analytical Data Query |
| VPB138 | 518 | 935 | 3/28/2013 | 1.1 | NIRIS Analytical Data Query |
| VPB138 | 558 | 935 | 3/28/2013 | 0.54 | NIRIS Analytical Data Query |
| VPB138 | 578 | 935 | 3/29/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 598 | 935 | 3/29/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 618 | 935 | 4/1/2013 | 0.4 | NIRIS Analytical Data Query |
| VPB138 | 643 | 935 | 4/1/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 658 | 935 | 4/2/2013 | 2 | NIRIS Analytical Data Query |
| VPB138 | 683 | 935 | 4/4/2013 | 0.5 | NIRIS Analytical Data Query |
| VPB138 | 698 | 935 | 4/4/2013 | 5 | NIRIS Analytical Data Query |
| VPB138 | 708 | 935 | 4/5/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 713 | 935 | 4/5/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 718.5 | 935 | 4/8/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 738.5 | 935 | 4/9/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 768.5 | 935 | 4/9/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 783.5 | 935 | 4/10/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 798.5 | 935 | 4/10/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 823.5 | 935 | 4/11/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 848.5 | 935 | 4/11/2013 | ND | NIRIS Analytical Data Query |
| VPB138 | 858 | 935 | 4/12/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 58 | 965 | 7/8/2013 | 85 | NIRIS Analytical Data Query |
| VPB139 | 98 | 965 | 7/8/2013 | 7.4 | NIRIS Analytical Data Query |
| VPB139 | 148 | 965 | 7/9/2013 | 1.2 | NIRIS Analytical Data Query |
| VPB139 | 198 | 965 | 7/9/2013 | 6.5 | NIRIS Analytical Data Query |
| VPB139 | 238 | 965 | 7/9/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 258 | 965 | 7/10/2013 | 8.1 | NIRIS Analytical Data Query |
| VPB139 | 278 | 965 | 7/10/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 298 | 965 | 7/10/2013 | 97 | NIRIS Analytical Data Query |
| VPB139 | 318 | 965 | 7/11/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 338 | 965 | 7/11/2013 | 50 | NIRIS Analytical Data Query |
| VPB139 | 358 | 965 | 7/11/2013 | 82 | NIRIS Analytical Data Query |
| VPB139 | 388 | 965 | 7/12/2013 | 190 | NIRIS Analytical Data Query |
| VPB139 | 408 | 965 | 7/15/2013 | 21 | NIRIS Analytical Data Query |
| VPB139 | 418 | 965 | 7/15/2013 | 16 | NIRIS Analytical Data Query |
| VPB139 | 438 | 965 | 7/15/2013 | 0.53 | NIRIS Analytical Data Query |
| VPB139 | 508 | 965 | 7/17/2013 | 13 | NIRIS Analytical Data Query |
| VPB139 | 538 | 965 | 7/17/2013 | 52 | NIRIS Analytical Data Query |
| VPB139 | 568 | 965 | 7/18/2013 | 17 | NIRIS Analytical Data Query |
| VPB139 | 568 | 965 | 7/18/2013 | 18 | NIRIS Analytical Data Query |
| VPB139 | 583 | 965 | 7/19/2013 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB139 | 598 | 965 | 7/19/2013 | 1.7 | NIRIS Analytical Data Query |
| VPB139 | 618 | 965 | 7/22/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 643 | 965 | 7/22/2013 | 0.39 | NIRIS Analytical Data Query |
| VPB139 | 658 | 965 | 7/23/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 684 | 965 | 7/23/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 693 | 965 | 7/23/2013 | 3 | NIRIS Analytical Data Query |
| VPB139 | 698 | 965 | 7/24/2013 | 82 | NIRIS Analytical Data Query |
| VPB139 | 718 | 965 | 7/25/2013 | 21 | NIRIS Analytical Data Query |
| VPB139 | 738 | 965 | 7/25/2013 | 1200 | NIRIS Analytical Data Query |
| VPB139 | 758 | 965 | 7/26/2013 | 4.3 | NIRIS Analytical Data Query |
| VPB139 | 768 | 965 | 7/26/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 798 | 965 | 7/29/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 823 | 965 | 7/30/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 838 | 965 | 7/30/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 858 | 965 | 7/31/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 878 | 965 | 7/31/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 928 | 965 | 8/1/2013 | ND | NIRIS Analytical Data Query |
| VPB139 | 938 | 965 | 8/2/2013 | ND | NIRIS Analytical Data Query |
| VPB140 | 58 | 881 | 4/14/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 100 | 881 | 4/14/2014 | 0.28 | NIRIS Analytical Data Query |
| VPB140 | 150 | 881 | 4/15/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 200 | 881 | 4/15/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 200 | 881 | 4/15/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 220 | 881 | 4/16/2014 | 2.4 | NIRIS Analytical Data Query |
| VPB140 | 245 | 881 | 4/16/2014 | 17 | NIRIS Analytical Data Query |
| VPB140 | 260 | 881 | 4/17/2014 | 1.2 | NIRIS Analytical Data Query |
| VPB140 | 280 | 881 | 4/17/2014 | 4.3 | NIRIS Analytical Data Query |
| VPB140 | 305 | 881 | 4/18/2014 | 0.4 | NIRIS Analytical Data Query |
| VPB140 | 320 | 881 | 4/18/2014 | 5.8 | NIRIS Analytical Data Query |
| VPB140 | 340 | 881 | 4/21/2014 | 3.1 | NIRIS Analytical Data Query |
| VPB140 | 360 | 881 | 4/21/2014 | 8.3 | NIRIS Analytical Data Query |
| VPB140 | 380 | 881 | 4/21/2014 | 0.78 | NIRIS Analytical Data Query |
| VPB140 | 400 | 881 | 4/22/2014 | 5.6 | NIRIS Analytical Data Query |
| VPB140 | 420 | 881 | 4/22/2014 | 1.8 | NIRIS Analytical Data Query |
| VPB140 | 440 | 881 | 4/22/2014 | 26 | NIRIS Analytical Data Query |
| VPB140 | 460 | 881 | 4/22/2014 | 7.3 | NIRIS Analytical Data Query |
| VPB140 | 485 | 881 | 4/23/2014 | 120 | NIRIS Analytical Data Query |
| VPB140 | 500 | 881 | 4/24/2014 | 19 | NIRIS Analytical Data Query |
| VPB140 | 520 | 881 | 4/24/2014 | 19 | NIRIS Analytical Data Query |
| VPB140 | 540 | 881 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 560 | 881 | 4/25/2014 | 0.56 | NIRIS Analytical Data Query |
| VPB140 | 565 | 881 | 4/25/2014 | 0.41 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB140 | 585 | 881 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 600 | 881 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 600 | 881 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 640 | 881 | 4/29/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 680 | 881 | 4/30/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 700 | 881 | 4/30/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 720 | 881 | 5/1/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 745 | 881 | 5/2/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 760 | 881 | 5/2/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 785 | 881 | 5/5/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 800 | 881 | 5/5/2014 | ND | NIRIS Analytical Data Query |
| VPB140 | 840 | 881 | 5/7/2014 | ND | NIRIS Analytical Data Query |
| VPB141 | 58 | 823 | 3/26/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 103 | 823 | 3/27/2015 | 0.54 | NIRIS Analytical Data Query |
| VPB141 | 148 | 823 | 3/31/2015 | 1 | NIRIS Analytical Data Query |
| VPB141 | 198 | 823 | 3/31/2015 | 1.6 | NIRIS Analytical Data Query |
| VPB141DUP | 198 | 823 | 3/31/2015 | 180 | NIRIS Analytical Data Query |
| VPB141 | 218 | 823 | 4/1/2015 | 0.89 | NIRIS Analytical Data Query |
| VPB141 | 238 | 823 | 4/1/2015 | 0.5 | NIRIS Analytical Data Query |
| VPB141 | 258 | 823 | 4/1/2015 | 1.4 | NIRIS Analytical Data Query |
| VPB141 | 278 | 823 | 4/2/2015 | 0.42 | NIRIS Analytical Data Query |
| VPB141 | 298 | 823 | 4/2/2015 | 0.81 | NIRIS Analytical Data Query |
| VPB141 | 318 | 823 | 4/2/2015 | 4.1 | NIRIS Analytical Data Query |
| VPB141 | 338 | 823 | 4/3/2015 | 0.48 | NIRIS Analytical Data Query |
| VPB141 | 363 | 823 | 4/3/2015 | 0.72 | NIRIS Analytical Data Query |
| VPB141 | 378 | 823 | 4/6/2015 | 31 | NIRIS Analytical Data Query |
| VPB141 | 398 | 823 | 4/6/2015 | 87 | NIRIS Analytical Data Query |
| VPB141 | 423 | 823 | 4/7/2015 | 16 | NIRIS Analytical Data Query |
| VPB141 | 438 | 823 | 4/7/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 458 | 823 | 4/7/2015 | 7.5 | NIRIS Analytical Data Query |
| VPB141 | 478 | 823 | 4/8/2015 | 3.1 | NIRIS Analytical Data Query |
| VPB141 | 498 | 823 | 4/8/2015 | 3.4 | NIRIS Analytical Data Query |
| VPB141 | 523 | 823 | 4/9/2015 | 36 | NIRIS Analytical Data Query |
| VPB141 | 543 | 823 | 4/9/2015 | 170 | NIRIS Analytical Data Query |
| VPB141 | 578 | 823 | 4/10/2015 | 280 | NIRIS Analytical Data Query |
| VPB141 | 578 | 823 | 4/10/2015 | 260 | NIRIS Analytical Data Query |
| VPB141 | 598 | 823 | 4/10/2015 | 32 | NIRIS Analytical Data Query |
| VPB141 | 618 | 823 | 4/13/2015 | 1.7 | NIRIS Analytical Data Query |
| VPB141 | 638 | 823 | 4/13/2015 | 18 | NIRIS Analytical Data Query |
| VPB141 | 658 | 823 | 4/14/2015 | 0.33 | NIRIS Analytical Data Query |
| VPB141 | 678 | 823 | 4/14/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 698 | 823 | 4/16/2015 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB141 | 718 | 823 | 4/16/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 743 | 823 | 4/17/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 758 | 823 | 4/17/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 778 | 823 | 4/20/2015 | ND | NIRIS Analytical Data Query |
| VPB141 | 823 | 823 | 4/21/2015 | ND | NIRIS Analytical Data Query |
| VPB144 | 58 | 890 | 12/5/2013 | 0.33 | NIRIS Analytical Data Query |
| VPB144 | 103 | 890 | 12/5/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 148 | 890 | 12/6/2013 | 28 | NIRIS Analytical Data Query |
| VPB144 | 198 | 890 | 12/6/2013 | 5.8 | NIRIS Analytical Data Query |
| VPB144 | 198 | 890 | 12/6/2013 | 5.8 | NIRIS Analytical Data Query |
| VPB144 | 223 | 890 | 12/9/2013 | 0.57 | NIRIS Analytical Data Query |
| VPB144 | 238 | 890 | 12/9/2013 | 0.85 | NIRIS Analytical Data Query |
| VPB144 | 258 | 890 | 12/9/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 278 | 890 | 12/10/2013 | 50 | NIRIS Analytical Data Query |
| VPB144 | 308 | 890 | 12/11/2013 | 9.9 | NIRIS Analytical Data Query |
| VPB144 | 318 | 890 | 12/11/2013 | 5.2 | NIRIS Analytical Data Query |
| VPB144 | 338 | 890 | 12/11/2013 | 6.7 | NIRIS Analytical Data Query |
| VPB144 | 363 | 890 | 12/12/2013 | 11 | NIRIS Analytical Data Query |
| VPB144 | 378 | 890 | 12/12/2013 | 20 | NIRIS Analytical Data Query |
| VPB144 | 423 | 890 | 12/16/2013 | 7.8 | NIRIS Analytical Data Query |
| VPB144 | 438 | 890 | 12/16/2013 | 1.9 | NIRIS Analytical Data Query |
| VPB144 | 458 | 890 | 12/17/2013 | 160 | NIRIS Analytical Data Query |
| VPB144 | 458 | 890 | 12/17/2013 | 150 | NIRIS Analytical Data Query |
| VPB144 | 478 | 890 | 12/17/2013 | 1200 | NIRIS Analytical Data Query |
| VPB144 | 498 | 890 | 12/18/2013 | 7600 | NIRIS Analytical Data Query |
| VPB144 | 518 | 890 | 12/18/2013 | 200 | NIRIS Analytical Data Query |
| VPB144 | 538 | 890 | 12/19/2013 | 22 | NIRIS Analytical Data Query |
| VPB144 | 568 | 890 | 12/20/2013 | 1.1 | NIRIS Analytical Data Query |
| VPB144 | 598 | 890 | 12/23/2013 | 0.9 | NIRIS Analytical Data Query |
| VPB144 | 618 | 890 | 12/26/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 643 | 890 | 12/27/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 658 | 890 | 12/27/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 688 | 890 | 12/30/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 698 | 890 | 12/31/2013 | ND | NIRIS Analytical Data Query |
| VPB144 | 738 | 890 | 1/8/2014 | ND | NIRIS Analytical Data Query |
| VPB144 | 758 | 890 | 1/9/2014 | ND | NIRIS Analytical Data Query |
| VPB144 | 798 | 890 | 1/10/2014 | ND | NIRIS Analytical Data Query |
| VPB144 | 818 | 890 | 1/13/2014 | ND | NIRIS Analytical Data Query |
| VPB144 | 838 | 890 | 1/13/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 58 | 1025 | 4/10/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 98 | 1025 | 4/10/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 148 | 1025 | 4/11/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB145 | 198 | 1025 | 4/11/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 198 | 1025 | 4/11/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 218 | 1025 | 4/14/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 238 | 1025 | 4/14/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 258 | 1025 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 278 | 1025 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 298 | 1025 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 298 | 1025 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 318 | 1025 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 338 | 1025 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 358 | 1025 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 378 | 1025 | 4/18/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 398 | 1025 | 4/18/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 418 | 1025 | 4/21/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 433 | 1025 | 4/21/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 468 | 1025 | 4/22/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 478 | 1025 | 4/22/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 493 | 1025 | 4/23/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 513 | 1025 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 533 | 1025 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 553 | 1025 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 573 | 1025 | 4/25/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 593 | 1025 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 613 | 1025 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 633 | 1025 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 663 | 1025 | 4/30/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 678 | 1025 | 4/30/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 698 | 1025 | 5/1/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 823 | 1025 | 5/8/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 848 | 1025 | 5/9/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 868 | 1025 | 5/12/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 888 | 1025 | 5/12/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 918 | 1025 | 5/13/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 938 | 1025 | 5/13/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 958 | 1025 | 5/14/2014 | ND | NIRIS Analytical Data Query |
| VPB145 | 978 | 1025 | 5/14/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 58 | 1017 | 1/13/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 98 | 1017 | 1/13/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 148 | 1017 | 1/14/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 198 | 1017 | 1/15/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 198 | 1017 | 1/15/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 218 | 1017 | 1/15/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB146 | 238 | 1017 | 1/16/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 258 | 1017 | 1/16/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 278 | 1017 | 1/16/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 298 | 1017 | 1/17/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 318 | 1017 | 1/17/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 338 | 1017 | 1/20/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 358 | 1017 | 1/20/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 378 | 1017 | 1/21/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 398 | 1017 | 1/31/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 398 | 1017 | 1/31/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 418 | 1017 | 2/3/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 438 | 1017 | 2/4/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 458 | 1017 | 2/4/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 478 | 1017 | 2/6/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 503 | 1017 | 2/6/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 523 | 1017 | 2/7/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 548 | 1017 | 2/10/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 558 | 1017 | 2/10/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 578 | 1017 | 2/11/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 598 | 1017 | 2/11/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 618 | 1017 | 2/12/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 638 | 1017 | 2/12/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 688 | 1017 | 2/17/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 698 | 1017 | 2/18/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 718 | 1017 | 2/18/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 738 | 1017 | 2/19/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 823 | 1017 | 3/3/2014 | ND | NIRIS Analytical Data Query |
| VPB146 | 948 | 1017 | 3/11/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 58 | 1030 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 98 | 1030 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 148 | 1030 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 198 | 1030 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 218 | 1030 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 218 | 1030 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 238 | 1030 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 258 | 1030 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 278 | 1030 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 298 | 1030 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 318 | 1030 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 338 | 1030 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 358 | 1030 | 6/11/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 378 | 1030 | 6/11/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB147 | 398 | 1030 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 398 | 1030 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 418 | 1030 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 438 | 1030 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 458 | 1030 | 6/13/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 478 | 1030 | 6/13/2014 | 0.45 | NIRIS Analytical Data Query |
| VPB147 | 528 | 1030 | 6/17/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 538 | 1030 | 6/17/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 558 | 1030 | 6/17/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 578 | 1030 | 6/18/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 598 | 1030 | 6/18/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 618 | 1030 | 6/18/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 638 | 1030 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 668 | 1030 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 678 | 1030 | 6/20/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 718 | 1030 | 6/23/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 738 | 1030 | 6/23/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 758 | 1030 | 6/24/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 798 | 1030 | 6/25/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 818 | 1030 | 6/25/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 840 | 1030 | 6/26/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 858 | 1030 | 6/26/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 878 | 1030 | 6/27/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 888 | 1030 | 6/27/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 898 | 1030 | 6/30/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 938 | 1030 | 7/1/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 943 | 1030 | 7/1/2014 | ND | NIRIS Analytical Data Query |
| VPB147 | 958 | 1030 | 7/1/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 63 | 970 | 2/6/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 98 | 970 | 2/6/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 153 | 970 | 2/7/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 198 | 970 | 2/10/2014 | 1.7 | NIRIS Analytical Data Query |
| VPB148 | 218 | 970 | 2/10/2014 | 1.8 | NIRIS Analytical Data Query |
| VPB148 | 238 | 970 | 2/11/2014 | 2.4 | NIRIS Analytical Data Query |
| VPB148 | 258 | 970 | 2/11/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 278 | 970 | 2/12/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 303 | 970 | 2/12/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 318 | 970 | 2/14/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 338 | 970 | 2/14/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 358 | 970 | 2/17/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 378 | 970 | 2/17/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 403 | 970 | 2/18/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB148 | 418 | 970 | 2/18/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 438 | 970 | 2/18/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 438 | 970 | 2/18/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 458 | 970 | 2/19/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 483 | 970 | 2/19/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 498 | 970 | 2/20/2014 | 1.8 | NIRIS Analytical Data Query |
| VPB148 | 518 | 970 | 2/20/2014 | 68 | NIRIS Analytical Data Query |
| VPB148 | 538 | 970 | 2/20/2014 | 520 | NIRIS Analytical Data Query |
| VPB148 | 558 | 970 | 2/21/2014 | 110 | NIRIS Analytical Data Query |
| VPB148 | 578 | 970 | 2/21/2014 | 57 | NIRIS Analytical Data Query |
| VPB148 | 598 | 970 | 2/24/2014 | 42 | NIRIS Analytical Data Query |
| VPB148 | 618 | 970 | 2/24/2014 | 100 | NIRIS Analytical Data Query |
| VPB148 | 658 | 970 | 2/26/2014 | 4.1 | NIRIS Analytical Data Query |
| VPB148 | 678 | 970 | 2/26/2014 | 0.3 | NIRIS Analytical Data Query |
| VPB148 | 703 | 970 | 2/27/2014 | 28 | NIRIS Analytical Data Query |
| VPB148 | 718 | 970 | 2/27/2014 | 14 | NIRIS Analytical Data Query |
| VPB148 | 738 | 970 | 2/27/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 758 | 970 | 2/28/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 798 | 970 | 3/3/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 818 | 970 | 3/3/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 838 | 970 | 3/4/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 858 | 970 | 3/4/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 878 | 970 | 3/5/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 898 | 970 | 3/5/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 898 | 970 | 3/5/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 918 | 970 | 3/6/2014 | ND | NIRIS Analytical Data Query |
| VPB148 | 948 | 970 | 3/7/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 58 | 950 | 9/23/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 98 | 950 | 9/23/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 148 | 950 | 9/24/2014 | 3.2 | NIRIS Analytical Data Query |
| VPB149 | 198 | 950 | 9/25/2014 | 11 | NIRIS Analytical Data Query |
| VPB149 | 218 | 950 | 9/25/2014 | 9.9 | NIRIS Analytical Data Query |
| VPB149 | 218 | 950 | 9/25/2014 | 9.6 | NIRIS Analytical Data Query |
| VPB149 | 238 | 950 | 9/25/2014 | 8.1 | NIRIS Analytical Data Query |
| VPB149 | 258 | 950 | 9/26/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 283 | 950 | 9/26/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 298 | 950 | 9/29/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 318 | 950 | 9/29/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 338 | 950 | 9/30/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 358 | 950 | 9/30/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 378 | 950 | 10/1/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 418 | 950 | 10/1/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB149 | 438 | 950 | 10/2/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 458 | 950 | 10/2/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 478 | 950 | 10/2/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 498 | 950 | 10/3/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 518 | 950 | 10/3/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 538 | 950 | 10/3/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 558 | 950 | 10/6/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 578 | 950 | 10/6/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 603 | 950 | 10/7/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 618 | 950 | 10/7/2014 | 95 | NIRIS Analytical Data Query |
| VPB149 | 638 | 950 | 10/8/2014 | 100 | NIRIS Analytical Data Query |
| VPB149 | 638 | 950 | 10/8/2014 | 110 | NIRIS Analytical Data Query |
| VPB149 | 658 | 950 | 10/8/2014 | 53 | NIRIS Analytical Data Query |
| VPB149 | 678 | 950 | 10/8/2014 | 0.61 | NIRIS Analytical Data Query |
| VPB149 | 698 | 950 | 10/9/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 718 | 950 | 10/9/2014 | 8.8 | NIRIS Analytical Data Query |
| VPB149 | 738 | 950 | 10/10/2014 | 16 | NIRIS Analytical Data Query |
| VPB149 | 758 | 950 | 10/10/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 808 | 950 | 10/14/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 818 | 950 | 10/14/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 838 | 950 | 10/14/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 858 | 950 | 10/15/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 878 | 950 | 10/15/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 903 | 950 | 10/16/2014 | ND | NIRIS Analytical Data Query |
| VPB149 | 918 | 950 | 10/16/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 58 | 968 | 4/1/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 98 | 968 | 4/1/2014 | 0.51 | NIRIS Analytical Data Query |
| VPB150 | 148 | 968 | 4/2/2014 | 0.94 | NIRIS Analytical Data Query |
| VPB150 | 198 | 968 | 4/3/2014 | 1.9 | NIRIS Analytical Data Query |
| VPB150 | 218 | 968 | 4/3/2014 | 0.48 | NIRIS Analytical Data Query |
| VPB150 | 243 | 968 | 4/3/2014 | 26 | NIRIS Analytical Data Query |
| VPB150 | 258 | 968 | 4/4/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 258 | 968 | 4/4/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 278 | 968 | 4/4/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 298 | 968 | 4/7/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 318 | 968 | 4/7/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 338 | 968 | 4/7/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 358 | 968 | 4/8/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 383 | 968 | 4/9/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 398 | 968 | 4/9/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 418 | 968 | 4/9/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 438 | 968 | 4/10/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB150 | 463 | 968 | 4/10/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 478 | 968 | 4/10/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 498 | 968 | 4/11/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 518 | 968 | 4/11/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 538 | 968 | 4/11/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 568 | 968 | 4/15/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 578 | 968 | 4/15/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 598 | 968 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 618 | 968 | 4/16/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 638 | 968 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 658 | 968 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 678 | 968 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 678 | 968 | 4/17/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 698 | 968 | 4/18/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 738 | 968 | 4/22/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 758 | 968 | 4/23/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 778 | 968 | 4/23/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 798 | 968 | 4/23/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 818 | 968 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 838 | 968 | 4/24/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 858 | 968 | 4/25/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 878 | 968 | 4/25/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 908 | 968 | 4/28/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 923 | 968 | 4/29/2014 | ND | NIRIS Analytical Data Query |
| VPB150 | 938 | 968 | 4/29/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 63 | 990 | 7/21/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 98 | 990 | 7/21/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 158 | 990 | 7/23/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 198 | 990 | 7/23/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 218 | 990 | 7/24/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 238 | 990 | 7/25/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 258 | 990 | 7/25/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 278 | 990 | 7/30/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 278 | 990 | 7/30/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 303 | 990 | 7/30/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 318 | 990 | 7/31/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 338 | 990 | 7/31/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 368 | 990 | 8/1/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 378 | 990 | 8/1/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 398 | 990 | 8/1/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 418 | 990 | 8/4/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 438 | 990 | 8/4/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB151 | 463 | 990 | 8/5/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 478 | 990 | 8/5/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 498 | 990 | 8/5/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 538 | 990 | 8/11/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 558 | 990 | 8/11/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 583 | 990 | 8/12/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 598 | 990 | 8/12/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 618 | 990 | 8/14/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 638 | 990 | 8/14/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 658 | 990 | 8/15/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 658 | 990 | 8/15/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 678 | 990 | 8/15/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 708 | 990 | 8/19/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 718 | 990 | 8/19/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 738 | 990 | 8/19/2014 | 1.6 | NIRIS Analytical Data Query |
| VPB151 | 758 | 990 | 8/20/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 778 | 990 | 8/20/2014 | 0.98 | NIRIS Analytical Data Query |
| VPB151 | 798 | 990 | 8/21/2014 | 0.77 | NIRIS Analytical Data Query |
| VPB151 | 818 | 990 | 8/21/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 838 | 990 | 8/22/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 858 | 990 | 8/22/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 878 | 990 | 8/25/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 923 | 990 | 8/26/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 938 | 990 | 8/27/2014 | ND | NIRIS Analytical Data Query |
| VPB151 | 958 | 990 | 8/27/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 58 | 997 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 98 | 997 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 150 | 997 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 150 | 997 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 200 | 997 | 6/4/2014 | 0.5 | NIRIS Analytical Data Query |
| VPB152 | 220 | 997 | 6/4/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 240 | 997 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 260 | 997 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 280 | 997 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 300 | 997 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 320 | 997 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 345 | 997 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 360 | 997 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 380 | 997 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 400 | 997 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 420 | 997 | 6/9/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 440 | 997 | 6/10/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB152 | 460 | 997 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 480 | 997 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 500 | 997 | 6/10/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 520 | 997 | 6/11/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 540 | 997 | 6/11/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 560 | 997 | 6/11/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 580 | 997 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 605 | 997 | 6/12/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 620 | 997 | 6/13/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 640 | 997 | 6/13/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 640 | 997 | 6/13/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 660 | 997 | 6/16/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 680 | 997 | 6/16/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 700 | 997 | 6/16/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 725 | 997 | 6/17/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 740 | 997 | 6/17/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 780 | 997 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 800 | 997 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 830 | 997 | 6/20/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 850 | 997 | 6/23/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 870 | 997 | 6/24/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 880 | 997 | 6/24/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 910 | 997 | 6/25/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 930 | 997 | 6/26/2014 | ND | NIRIS Analytical Data Query |
| VPB152 | 950 | 997 | 6/27/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 58 | 1010 | 11/12/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 98 | 1010 | 11/12/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 148 | 1010 | 11/13/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 198 | 1010 | 11/13/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 198 | 1010 | 11/13/2014 | 21 | NIRIS Analytical Data Query |
| VPB153 | 218 | 1010 | 11/14/2014 | 53 | NIRIS Analytical Data Query |
| VPB153 | 238 | 1010 | 11/14/2014 | 51 | NIRIS Analytical Data Query |
| VPB153 | 258 | 1010 | 11/14/2014 | 4.8 | NIRIS Analytical Data Query |
| VPB153 | 278 | 1010 | 11/17/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 298 | 1010 | 11/17/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 318 | 1010 | 11/17/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 338 | 1010 | 11/18/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 358 | 1010 | 11/18/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 378 | 1010 | 11/19/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 403 | 1010 | 11/19/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 418 | 1010 | 11/20/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 418 | 1010 | 11/20/2014 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB153 | 438 | 1010 | 11/20/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 458 | 1010 | 11/21/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 483 | 1010 | 11/25/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 498 | 1010 | 11/25/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 518 | 1010 | 11/26/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 538 | 1010 | 12/1/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 578 | 1010 | 12/2/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 603 | 1010 | 12/3/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 618 | 1010 | 12/3/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 638 | 1010 | 12/4/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 658 | 1010 | 12/4/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 678 | 1010 | 12/5/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 698 | 1010 | 12/5/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 718 | 1010 | 12/8/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 738 | 1010 | 12/8/2014 | 2.8 | NIRIS Analytical Data Query |
| VPB153 | 798 | 1010 | 12/15/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 818 | 1010 | 12/15/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 838 | 1010 | 12/15/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 878 | 1010 | 12/16/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 898 | 1010 | 12/16/2014 | ND | NIRIS Analytical Data Query |
| VPB153 | 918 | 1010 | 12/16/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 58 | 950 | 8/7/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 98 | 950 | 8/7/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 148 | 950 | 8/7/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 148 | 950 | 8/7/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 198 | 950 | 8/8/2014 | 31 | NIRIS Analytical Data Query |
| VPB154 | 228 | 950 | 8/8/2014 | 180 | NIRIS Analytical Data Query |
| VPB154 | 238 | 950 | 8/11/2014 | 190 | NIRIS Analytical Data Query |
| VPB154 | 258 | 950 | 8/12/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 278 | 950 | 8/12/2014 | 200 | NIRIS Analytical Data Query |
| VPB154 | 298 | 950 | 8/12/2014 | 200 | NIRIS Analytical Data Query |
| VPB154 | 318 | 950 | 8/12/2014 | 180 | NIRIS Analytical Data Query |
| VPB154 | 338 | 950 | 8/14/2014 | 26 | NIRIS Analytical Data Query |
| VPB154 | 358 | 950 | 8/14/2014 | 1.5 | NIRIS Analytical Data Query |
| VPB154 | 378 | 950 | 8/14/2014 | 0.34 | NIRIS Analytical Data Query |
| VPB154 | 398 | 950 | 8/15/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 418 | 950 | 8/15/2014 | 170 | NIRIS Analytical Data Query |
| VPB154 | 438 | 950 | 8/15/2014 | 190 | NIRIS Analytical Data Query |
| VPB154 | 458 | 950 | 8/18/2014 | 180 | NIRIS Analytical Data Query |
| VPB154 | 483 | 950 | 8/18/2014 | 160 | NIRIS Analytical Data Query |
| VPB154 | 503 | 950 | 8/19/2014 | 160 | NIRIS Analytical Data Query |
| VPB154 | 518 | 950 | 8/19/2014 | 340 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB154 | 538 | 950 | 8/20/2014 | 970 | NIRIS Analytical Data Query |
| VPB154 | 558 | 950 | 8/20/2014 | 900 | NIRIS Analytical Data Query |
| VPB154 | 578 | 950 | 8/20/2014 | 1800 | NIRIS Analytical Data Query |
| VPB154 | 598 | 950 | 8/21/2014 | 350 | NIRIS Analytical Data Query |
| VPB154 | 618 | 950 | 8/21/2014 | 810 | NIRIS Analytical Data Query |
| VPB154 | 638 | 950 | 8/21/2014 | 1600 | NIRIS Analytical Data Query |
| VPB154 | 638 | 950 | 8/21/2014 | 1800 | NIRIS Analytical Data Query |
| VPB154 | 663 | 950 | 8/22/2014 | 600 | NIRIS Analytical Data Query |
| VPB154 | 678 | 950 | 8/22/2014 | 550 | NIRIS Analytical Data Query |
| VPB154 | 698 | 950 | 8/25/2014 | 700 | NIRIS Analytical Data Query |
| VPB154 | 718 | 950 | 8/25/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 738 | 950 | 8/25/2014 | 1.4 | NIRIS Analytical Data Query |
| VPB154 | 763 | 950 | 8/27/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 778 | 950 | 8/27/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 798 | 950 | 8/28/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 818 | 950 | 8/28/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 838 | 950 | 8/29/2014 | 0.33 | NIRIS Analytical Data Query |
| VPB154 | 858 | 950 | 8/29/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 908 | 950 | 9/2/2014 | ND | NIRIS Analytical Data Query |
| VPB154 | 918 | 950 | 9/3/2014 | ND | NIRIS Analytical Data Query |
| VPB155 | 58 | 968 | 7/27/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 98 | 968 | 7/28/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 148 | 968 | 7/30/2015 | 1.7 | NIRIS Analytical Data Query |
| VPB155 | 198 | 968 | 7/30/2015 | 1.9 | NIRIS Analytical Data Query |
| VPB155 | 198 | 968 | 7/30/2015 | 2 | NIRIS Analytical Data Query |
| VPB155 | 218 | 968 | 7/31/2015 | 16 | NIRIS Analytical Data Query |
| VPB155 | 238 | 968 | 7/31/2015 | 38 | NIRIS Analytical Data Query |
| VPB155 | 258 | 968 | 7/31/2015 | 0.42 | NIRIS Analytical Data Query |
| VPB155 | 278 | 968 | 8/3/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 298 | 968 | 8/3/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 318 | 968 | 8/3/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 338 | 968 | 8/4/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 358 | 968 | 8/4/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 378 | 968 | 8/4/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 398 | 968 | 8/5/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 418 | 968 | 8/5/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 438 | 968 | 8/5/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 458 | 968 | 8/6/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 478 | 968 | 8/6/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 478 | 968 | 8/6/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 498 | 968 | 8/6/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 518 | 968 | 8/7/2015 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB155 | 538 | 968 | 8/7/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 558 | 968 | 8/10/2015 | 45 | NIRIS Analytical Data Query |
| VPB155 | 578 | 968 | 8/10/2015 | 16 | NIRIS Analytical Data Query |
| VPB155 | 598 | 968 | 8/10/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 618 | 968 | 8/11/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 658 | 968 | 8/12/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 678 | 968 | 8/12/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 698 | 968 | 8/13/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 718 | 968 | 8/13/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 738 | 968 | 8/14/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 758 | 968 | 8/14/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 773 | 968 | 8/20/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 778 | 968 | 8/17/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 798 | 968 | 8/17/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 858 | 968 | 8/20/2015 | ND | NIRIS Analytical Data Query |
| VPB155 | 923 | 968 | 8/21/2015 | ND | NIRIS Analytical Data Query |
| VPB156 | 63 | 910 | 6/2/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 98 | 910 | 6/2/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 148 | 910 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 198 | 910 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 218 | 910 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 218 | 910 | 6/3/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 238 | 910 | 6/4/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 258 | 910 | 6/4/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 278 | 910 | 6/4/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 303 | 910 | 6/5/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 318 | 910 | 6/5/2014 | 21 | NIRIS Analytical Data Query |
| VPB156 | 338 | 910 | 6/5/2014 | 0.5 | NIRIS Analytical Data Query |
| VPB156 | 358 | 910 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 378 | 910 | 6/6/2014 | 0.55 | NIRIS Analytical Data Query |
| VPB156 | 398 | 910 | 6/6/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 423 | 910 | 6/9/2014 | 4 | NIRIS Analytical Data Query |
| VPB156 | 438 | 910 | 6/9/2014 | 0.68 | NIRIS Analytical Data Query |
| VPB156 | 458 | 910 | 6/10/2014 | 3.2 | NIRIS Analytical Data Query |
| VPB156 | 488 | 910 | 6/10/2014 | 1.3 | NIRIS Analytical Data Query |
| VPB156 | 498 | 910 | 6/10/2014 | 67 | NIRIS Analytical Data Query |
| VPB156 | 528 | 910 | 6/11/2014 | 600 | NIRIS Analytical Data Query |
| VPB156 | 538 | 910 | 6/12/2014 | 14 | NIRIS Analytical Data Query |
| VPB156 | 558 | 910 | 6/12/2014 | 680 | NIRIS Analytical Data Query |
| VPB156 | 558 | 910 | 6/12/2014 | 620 | NIRIS Analytical Data Query |
| VPB156 | 578 | 910 | 6/12/2014 | 2800 | NIRIS Analytical Data Query |
| VPB156 | 598 | 910 | 6/13/2014 | 8200 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB156 | 618 | 910 | 6/13/2014 | 5200 | NIRIS Analytical Data Query |
| VPB156 | 638 | 910 | 6/13/2014 | 48 | NIRIS Analytical Data Query |
| VPB156 | 658 | 910 | 6/16/2014 | 11 | NIRIS Analytical Data Query |
| VPB156 | 718 | 910 | 6/17/2014 | 0.81 | NIRIS Analytical Data Query |
| VPB156 | 738 | 910 | 6/18/2014 | 1.8 | NIRIS Analytical Data Query |
| VPB156 | 758 | 910 | 6/18/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 778 | 910 | 6/18/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 808 | 910 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 818 | 910 | 6/19/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 838 | 910 | 6/20/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 858 | 910 | 6/20/2014 | ND | NIRIS Analytical Data Query |
| VPB156 | 878 | 910 | 6/23/2014 | ND | NIRIS Analytical Data Query |
| VPB157 | 58 | 890 | 5/18/2015 | 0.45 | NIRIS Analytical Data Query |
| VPB157 | 98 | 890 | 5/19/2015 | 0.46 | NIRIS Analytical Data Query |
| VPB157 | 98 | 890 | 5/19/2015 | 0.49 | NIRIS Analytical Data Query |
| VPB157 | 148 | 890 | 5/21/2015 | 0.54 | NIRIS Analytical Data Query |
| VPB157 | 198 | 890 | 5/21/2015 | 0.46 | NIRIS Analytical Data Query |
| VPB157 | 218 | 890 | 5/21/2015 | 0.49 | NIRIS Analytical Data Query |
| VPB157 | 238 | 890 | 5/22/2015 | 0.4 | NIRIS Analytical Data Query |
| VPB157 | 258 | 890 | 5/22/2015 | 0.86 | NIRIS Analytical Data Query |
| VPB157 | 278 | 890 | 5/22/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 298 | 890 | 5/26/2015 | 42 | NIRIS Analytical Data Query |
| VPB157 | 318 | 890 | 5/26/2015 | 0.45 | NIRIS Analytical Data Query |
| VPB157 | 338 | 890 | 5/26/2015 | 0.37 | NIRIS Analytical Data Query |
| VPB157 | 358 | 890 | 5/27/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 378 | 890 | 5/27/2015 | 0.39 | NIRIS Analytical Data Query |
| VPB157 | 398 | 890 | 5/28/2015 | 0.86 | NIRIS Analytical Data Query |
| VPB157 | 418 | 890 | 5/28/2015 | 5.4 | NIRIS Analytical Data Query |
| VPB157 | 438 | 890 | 5/28/2015 | 1.5 | NIRIS Analytical Data Query |
| VPB157 | 458 | 890 | 5/29/2015 | 130 | NIRIS Analytical Data Query |
| VPB157 | 478 | 890 | 5/29/2015 | 2.8 | NIRIS Analytical Data Query |
| VPB157 | 498 | 890 | 5/29/2015 | 5.1 | NIRIS Analytical Data Query |
| VPB157 | 518 | 890 | 6/1/2015 | 54 | NIRIS Analytical Data Query |
| VPB157 | 538 | 890 | 6/1/2015 | 20 | NIRIS Analytical Data Query |
| VPB157 | 538 | 890 | 6/1/2015 | 21 | NIRIS Analytical Data Query |
| VPB157 | 563 | 890 | 6/2/2015 | 9.7 | NIRIS Analytical Data Query |
| VPB157 | 578 | 890 | 6/3/2015 | 9.3 | NIRIS Analytical Data Query |
| VPB157 | 618 | 890 | 6/3/2015 | 4.6 | NIRIS Analytical Data Query |
| VPB157 | 728 | 890 | 6/8/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 738 | 890 | 6/8/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 758 | 890 | 6/9/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 778 | 890 | 6/9/2015 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB157 | 798 | 890 | 6/9/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 818 | 890 | 6/10/2015 | ND | NIRIS Analytical Data Query |
| VPB157 | 838 | 890 | 6/10/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 48 | 930 | 1/19/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 98 | 930 | 1/19/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 148 | 930 | 1/22/2015 | 9.3 | NIRIS Analytical Data Query |
| VPB158 | 148 | 930 | 1/22/2015 | 8.4 | NIRIS Analytical Data Query |
| VPB158 | 198 | 930 | 1/23/2015 | 35 | NIRIS Analytical Data Query |
| VPB158 | 218 | 930 | 1/23/2015 | 36 | NIRIS Analytical Data Query |
| VPB158 | 243 | 930 | 1/29/2015 | 0.74 | NIRIS Analytical Data Query |
| VPB158 | 258 | 930 | 1/29/2015 | 2.4 | NIRIS Analytical Data Query |
| VPB158 | 278 | 930 | 1/30/2015 | 0.31 | NIRIS Analytical Data Query |
| VPB158 | 298 | 930 | 1/30/2015 | 65 | NIRIS Analytical Data Query |
| VPB158 | 318 | 930 | 2/2/2015 | 140 | NIRIS Analytical Data Query |
| VPB158 | 338 | 930 | 2/2/2015 | 0.36 | NIRIS Analytical Data Query |
| VPB158 | 358 | 930 | 2/2/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 378 | 930 | 2/4/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 398 | 930 | 2/5/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 418 | 930 | 2/5/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 438 | 930 | 2/5/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 458 | 930 | 2/6/2015 | 0.79 | NIRIS Analytical Data Query |
| VPB158 | 498 | 930 | 2/9/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 518 | 930 | 2/10/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 538 | 930 | 2/10/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 558 | 930 | 2/10/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 578 | 930 | 2/11/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 598 | 930 | 2/11/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 598 | 930 | 2/11/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 638 | 930 | 2/12/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 658 | 930 | 2/18/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 678 | 930 | 2/18/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 698 | 930 | 2/19/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 718 | 930 | 2/19/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 798 | 930 | 2/25/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 818 | 930 | 2/25/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 838 | 930 | 2/26/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 858 | 930 | 2/26/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 878 | 930 | 2/27/2015 | ND | NIRIS Analytical Data Query |
| VPB158 | 898 | 930 | 3/2/2015 | 2 | NIRIS Analytical Data Query |
| VPB159 | 48 | 915 | 6/18/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 103 | 915 | 6/19/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 148 | 915 | 6/23/2015 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB159 | 203 | 915 | 6/23/2015 | 170 | NIRIS Analytical Data Query |
| VPB159 | 218 | 915 | 6/24/2015 | 100 | NIRIS Analytical Data Query |
| VPB159 | 238 | 915 | 6/24/2015 | 140 | NIRIS Analytical Data Query |
| VPB159 | 258 | 915 | 6/24/2015 | 25 | NIRIS Analytical Data Query |
| VPB159 | 278 | 915 | 6/25/2015 | 120 | NIRIS Analytical Data Query |
| VPB159 | 278 | 915 | 6/25/2015 | 120 | NIRIS Analytical Data Query |
| VPB159 | 298 | 915 | 6/25/2015 | 18 | NIRIS Analytical Data Query |
| VPB159 | 318 | 915 | 6/25/2015 | 130 | NIRIS Analytical Data Query |
| VPB159 | 338 | 915 | 6/25/2015 | 210 | NIRIS Analytical Data Query |
| VPB159 | 358 | 915 | 6/26/2015 | 49 | NIRIS Analytical Data Query |
| VPB159 | 378 | 915 | 6/26/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 403 | 915 | 6/29/2015 | 20 | NIRIS Analytical Data Query |
| VPB159 | 418 | 915 | 6/29/2015 | 2.5 | NIRIS Analytical Data Query |
| VPB159 | 438 | 915 | 6/29/2015 | 190 | NIRIS Analytical Data Query |
| VPB159 | 458 | 915 | 6/30/2015 | 310 | NIRIS Analytical Data Query |
| VPB159 | 478 | 915 | 6/30/2015 | 140 | NIRIS Analytical Data Query |
| VPB159 | 503 | 915 | 6/30/2015 | 330 | NIRIS Analytical Data Query |
| VPB159 | 518 | 915 | 7/1/2015 | 2.8 | NIRIS Analytical Data Query |
| VPB159 | 543 | 915 | 7/1/2015 | 200 | NIRIS Analytical Data Query |
| VPB159 | 558 | 915 | 7/2/2015 | 640 | NIRIS Analytical Data Query |
| VPB159 | 588 | 915 | 7/6/2015 | 450 | NIRIS Analytical Data Query |
| VPB159 | 598 | 915 | 7/6/2015 | 120 | NIRIS Analytical Data Query |
| VPB159 | 618 | 915 | 7/6/2015 | 130 | NIRIS Analytical Data Query |
| VPB159 | 638 | 915 | 7/7/2015 | 11 | NIRIS Analytical Data Query |
| VPB159 | 658 | 915 | 7/7/2015 | 1.4 | NIRIS Analytical Data Query |
| VPB159 | 678 | 915 | 7/7/2015 | 74 | NIRIS Analytical Data Query |
| VPB159 | 698 | 915 | 7/9/2015 | 99 | NIRIS Analytical Data Query |
| VPB159 | 698 | 915 | 7/9/2015 | 93 | NIRIS Analytical Data Query |
| VPB159 | 718 | 915 | 7/9/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 738 | 915 | 7/10/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 758 | 915 | 7/10/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 778 | 915 | 7/10/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 798 | 915 | 7/13/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 818 | 915 | 7/13/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 838 | 915 | 7/14/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 858 | 915 | 7/14/2015 | ND | NIRIS Analytical Data Query |
| VPB159 | 883 | 915 | 7/15/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 58 | 890 | 9/23/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 98 | 890 | 9/24/2015 | 0.42 | NIRIS Analytical Data Query |
| VPB160 | 148 | 890 | 9/28/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 183 | 890 | 9/29/2015 | 0.41 | NIRIS Analytical Data Query |
| VPB160 | 198 | 890 | 9/29/2015 | 0.35 | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB160 | 198 | 890 | 9/29/2015 | 0.3 | NIRIS Analytical Data Query |
| VPB160 | 218 | 890 | 9/29/2015 | 0.82 | NIRIS Analytical Data Query |
| VPB160 | 248 | 890 | 9/30/2015 | 0.41 | NIRIS Analytical Data Query |
| VPB160 | 258 | 890 | 9/30/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 283 | 890 | 10/1/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 298 | 890 | 10/1/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 318 | 890 | 10/2/2015 | 1.1 | NIRIS Analytical Data Query |
| VPB160 | 338 | 890 | 10/2/2015 | 13 | NIRIS Analytical Data Query |
| VPB160 | 368 | 890 | 10/5/2015 | 14 | NIRIS Analytical Data Query |
| VPB160 | 378 | 890 | 10/8/2015 | 5.5 | NIRIS Analytical Data Query |
| VPB160 | 403 | 890 | 10/9/2015 | 5.3 | NIRIS Analytical Data Query |
| VPB160 | 418 | 890 | 10/9/2015 | 8.2 | NIRIS Analytical Data Query |
| VPB160 | 438 | 890 | 10/12/2015 | 2.9 | NIRIS Analytical Data Query |
| VPB160 | 458 | 890 | 10/12/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 483 | 890 | 10/13/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 498 | 890 | 10/13/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 518 | 890 | 10/14/2015 | 57 | NIRIS Analytical Data Query |
| VPB160 | 543 | 890 | 10/15/2015 | 85 | NIRIS Analytical Data Query |
| VPB160 | 558 | 890 | 10/15/2015 | 520 | NIRIS Analytical Data Query |
| VPB160 | 558 | 890 | 10/15/2015 | 520 | NIRIS Analytical Data Query |
| VPB160 | 583 | 890 | 10/16/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 598 | 890 | 10/21/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 608 | 890 | 10/22/2015 | 1.2 | NIRIS Analytical Data Query |
| VPB160 | 618 | 890 | 10/22/2015 | 1.3 | NIRIS Analytical Data Query |
| VPB160 | 638 | 890 | 10/23/2015 | 0.54 | NIRIS Analytical Data Query |
| VPB160 | 643 | 890 | 10/23/2015 | 0.45 | NIRIS Analytical Data Query |
| VPB160 | 658 | 890 | 10/26/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 718 | 890 | 11/10/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 758 | 890 | 11/11/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 768 | 890 | 11/12/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 818 | 890 | 11/16/2015 | ND | NIRIS Analytical Data Query |
| VPB160 | 838 | 890 | 11/16/2015 | ND | NIRIS Analytical Data Query |
| VPB161 | 58 | 980 | 04/27/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 98 | 980 | 04/28/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 158 | 980 | 05/02/2016 | 0.49 | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 198 | 980 | 05/03/2016 | 0.64 | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 218 | 980 | 05/03/2016 | 1.5 | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 238 | 980 | 05/03/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 258 | 980 | 05/04/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 278 | 980 | 05/04/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB161 | 298 | 980 | 05/04/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 318 | 980 | 05/05/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 338 | 980 | 05/05/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 358 | 980 | 05/06/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 378 | 980 | 05/09/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 398 | 980 | 05/09/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 418 | 980 | 05/10/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 438 | 980 | 05/10/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 458 | 980 | 05/10/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 478 | 980 | 05/11/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 498 | 980 | 05/11/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 518 | 980 | 05/12/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 538 | 980 | 05/12/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 558 | 980 | 05/12/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 578 | 980 | 05/13/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 603 | 980 | 05/16/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 623 | 980 | 05/16/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 638 | 980 | 05/17/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 658 | 980 | 05/17/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 683 | 980 | 05/18/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 698 | 980 | 05/18/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 718 | 980 | 05/19/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 738 | 980 | 05/20/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 758 | 980 | 05/20/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 778 | 980 | 05/23/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 798 | 980 | 05/23/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 818 | 980 | 05/24/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 838 | 980 | 05/24/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 858 | 980 | 05/25/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 878 | 980 | 05/25/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 898 | 980 | 05/26/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 923 | 980 | 05/27/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB161 | 938 | 980 | 05/31/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 958 | 980 | 05/31/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB161 | 978 | 980 | 06/01/2016 | ND | 2016 Resolution Consultants June 2016 VPB-161 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 58 | 960 | 06/29/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 98 | 960 | 06/29/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 148 | 960 | 07/01/2016 | 0.45 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 198 | 960 | 07/01/2016 | 1.9 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 218 | 960 | 07/05/2016 | 16 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 238 | 960 | 07/05/2016 | 12 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 258 | 960 | 07/05/2016 | 31 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 278 | 960 | 07/06/2016 | 15 | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 298 | 960 | 07/06/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 318 | 960 | 07/06/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 343 | 960 | 07/07/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 358 | 960 | 07/07/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 378 | 960 | 07/08/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 398 | 960 | 07/08/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 418 | 960 | 07/08/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 438 | 960 | 07/11/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 458 | 960 | 07/11/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 478 | 960 | 07/11/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 498 | 960 | 07/12/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 518 | 960 | 07/12/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 538 | 960 | 07/12/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 558 | 960 | 07/13/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 583 | 960 | 07/13/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 598 | 960 | 07/13/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 618 | 960 | 07/13/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 638 | 960 | 07/13/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 658 | 960 | 07/15/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 678 | 960 | 07/15/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 698 | 960 | 07/15/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB162 | 718 | 960 | 07/18/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 748 | 960 | 07/19/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 763 | 960 | 07/19/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 783 | 960 | 07/20/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 798 | 960 | 07/20/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 818 | 960 | 07/21/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 838 | 960 | 07/21/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 858 | 960 | 07/21/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 878 | 960 | 07/22/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 898 | 960 | 07/22/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 918 | 960 | 07/25/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 938 | 960 | 07/25/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB162 | 958 | 960 | 07/26/2016 | ND | 2016 Resolution Consultants July 2016 VPB-162 Analytical Results Table DATA NOT YET PUBLISHED |
| VPB163 | 58 | 990 | 12/16/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 118 | 990 | 12/18/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 158 | 990 | 12/18/2015 | 4.3 | NIRIS Analytical Data Query |
| VPB163 | 198 | 990 | 12/21/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 198 | 990 | 12/21/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 218 | 990 | 12/21/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 238 | 990 | 12/22/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 258 | 990 | 12/22/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 338 | 990 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 358 | 990 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 378 | 990 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 398 | 990 | 12/30/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 418 | 990 | 12/30/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 438 | 990 | 12/30/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 458 | 990 | 12/31/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 478 | 990 | 12/31/2015 | ND | NIRIS Analytical Data Query |
| VPB163 | 503 | 990 | 1/4/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 518 | 990 | 1/5/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 538 | 990 | 1/5/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 538 | 990 | 1/5/2016 | 0.5 | NIRIS Analytical Data Query |
| VPB163 | 558 | 990 | 1/6/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 583 | 990 | 1/7/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 603 | 990 | 1/8/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 618 | 990 | 1/11/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 638 | 990 | 1/11/2016 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB163 | 658 | 990 | 1/12/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 678 | 990 | 1/12/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 698 | 990 | 1/13/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 718 | 990 | 1/13/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 738 | 990 | 1/14/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 763 | 990 | 1/15/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 778 | 990 | 1/15/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 798 | 990 | 1/15/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 818 | 990 | 1/18/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 918 | 990 | 1/26/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 938 | 990 | 1/27/2016 | ND | NIRIS Analytical Data Query |
| VPB163 | 958 | 990 | 1/27/2016 | ND | NIRIS Analytical Data Query |
| VPB165 | 58 | 905 | 12/7/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 98 | 905 | 12/7/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 148 | 905 | 12/9/2015 | 0.73 | NIRIS Analytical Data Query |
| VPB165 | 198 | 905 | 12/9/2015 | 6.9 | NIRIS Analytical Data Query |
| VPB165 | 218 | 905 | 12/10/2015 | 12 | NIRIS Analytical Data Query |
| VPB165 | 238 | 905 | 12/10/2015 | 18 | NIRIS Analytical Data Query |
| VPB165 | 258 | 905 | 12/10/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 278 | 905 | 12/11/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 288 | 905 | 12/11/2015 | 24 | NIRIS Analytical Data Query |
| VPB165 | 298 | 905 | 12/11/2015 | 73 | NIRIS Analytical Data Query |
| VPB165 | 318 | 905 | 12/11/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 338 | 905 | 12/14/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 358 | 905 | 12/14/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 378 | 905 | 12/14/2015 | 1.3 | NIRIS Analytical Data Query |
| VPB165 | 378 | 905 | 12/14/2015 | 1.2 | NIRIS Analytical Data Query |
| VPB165 | 403 | 905 | 12/15/2015 | 1.8 | NIRIS Analytical Data Query |
| VPB165 | 418 | 905 | 12/15/2015 | 12 | NIRIS Analytical Data Query |
| VPB165 | 438 | 905 | 12/16/2015 | 140 | NIRIS Analytical Data Query |
| VPB165 | 458 | 905 | 12/16/2015 | 62 | NIRIS Analytical Data Query |
| VPB165 | 478 | 905 | 12/17/2015 | 45 | NIRIS Analytical Data Query |
| VPB165 | 498 | 905 | 12/17/2015 | 95 | NIRIS Analytical Data Query |
| VPB165 | 518 | 905 | 12/17/2015 | 35 | NIRIS Analytical Data Query |
| VPB165 | 538 | 905 | 12/18/2015 | 16 | NIRIS Analytical Data Query |
| VPB165 | 558 | 905 | 12/18/2015 | 39 | NIRIS Analytical Data Query |
| VPB165 | 578 | 905 | 12/18/2015 | 9 | NIRIS Analytical Data Query |
| VPB165 | 598 | 905 | 12/21/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 618 | 905 | 12/21/2015 | 0.52 | NIRIS Analytical Data Query |
| VPB165 | 638 | 905 | 12/21/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 658 | 905 | 12/22/2015 | 4.4 | NIRIS Analytical Data Query |
| VPB165 | 678 | 905 | 12/22/2015 | ND | NIRIS Analytical Data Query |

**2016 Trichloroethene (TCE) Concentrations**
**Vertical Profile Boring**
**Former NWIRP Bethpage, New York**


| LOCATION | SAMPLE DEPTH (ft bgs) | TOTAL DEPTH (ft bgs) | SAMPLE DATE | TCE µg/L | DATA SOURCE |
|---|---|---|---|---|---|
| VPB165 | 698 | 905 | 12/23/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 718 | 905 | 12/23/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 738 | 905 | 12/28/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 738 | 905 | 12/28/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 758 | 905 | 12/28/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 788 | 905 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 798 | 905 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 818 | 905 | 12/29/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 838 | 905 | 12/30/2015 | ND | NIRIS Analytical Data Query |
| VPB165 | 858 | 905 | 12/30/2015 | ND | NIRIS Analytical Data Query |

**Notes:**
ft bgs- feet below ground surface
ND- Non Detect
NIRIS- Naval Installation Restoration Information Solution
VPB- Vertical Profile Boring
µg/L- micrograms per liter

## REFERENCES


Arcadis. 2002. Third Quarter 2001 Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. February.

Arcadis. 2005. First Quarter 2005 Groundwater Monitoring Report, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York. September.

Arcadis. 2006a. First Quarter 2006 Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. September.

Arcadis. 2006b. Results of Third Quarter Groundwater Monitoring Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. December.

Arcadis. 2007. 2006 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Corp. Bethpage, New York. August.

Arcadis. 2008. Remedial Investigation Report (Site Area) Operable Unit 3 (Former Grumman Settling Ponds) Bethpage, New York. February.

Arcadis. 2009. Remedial Investigation Report (Study Area Groundwater) OU 3 (Former Grumman Settling Ponds) Bethpage, New York. October.

Arcadis. 2010. Results of Third Quarter 2010 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York. November.

Arcadis. 2011. Results of Third Quarter 2011 Groundwater Monitoring, Operable Unit 2, Northrop Grumman Systems Corp. and NWIRP Bethpage Sites, Bethpage, New York. November.

Arcadis. 2012. 2011 Annual Groundwater Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. April.

Arcadis. 2016a. Northrop Grumman Systems Corporation Pre-Design Report for the RW-21 Area Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. February.

Arcadis. 2016b. 2015 Annual Operation, Maintenance and Monitoring Report Operable Unit 2. Northrop Grumman Systems Corp. Bethpage, New York. March.

Arcadis. 2016c. Results of First Quarter 2016 System and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York. May.

Arcadis Form1's from November 2016. DATA NOT YET PUBLISHED.

H&S. 2011. Quarterly Operations Report Second Quarter 2011 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. September.

Koman Government Solutions (KGS). 2017. Quarterly Operations Report Third Quarter 2016 Groundwater Treatment Plant GM-38 Area Groundwater Remediation. NWIRP Bethpage, NY. January.

NIRIS (Naval Installation Restoration Information Solution) Analytical Data Query (Internal Navy Database)

OXY Glenn Springs Holdings, Inc. 2016. Quarterly Report – Fourth Quarter 2015 (October through December) Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site. January.

Resolution Consultants. 2014. 2013-2014 OU2 Groundwater Investigation VPB 142 Bethpage, NY. August.

Resolution Consultants June 2016 VPB-161 Analytical Results DATA NOT YET PUBLISHED.

Resolution Consultants July 2016 VPB-162 Analytical Results DATA NOT YET PUBLISHED.

Resolution Consultants December 2016 Groundwater Investigation Analytical Results NOT YET PUBLISHED

Resolution Consultants. 2016 OU2 Groundwater Investigation RE129D1, RE129D2 (VPB163) Installation Report NWIRP Site 1 OU2 Bethpage, NY. December.

Resolution Consultants. 2017. 2016 OU2 Groundwater Investigation RE133D1, RE133D2 (VPB167) Installation Report NWIRP Site 1 OU2 Bethpage, NY. April.

Tetra Tech, NUS (Tetra Tech). 2000. Vertical Profile Borings VPB-38, -76, and -77 Summary Report, NWIRP, Bethpage. November.

Tetra Tech, NUS (Tetra Tech). 2002a. Southern Area Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. February.

Tetra Tech, NUS (Tetra Tech). 2002b. GM-38 Vertical Profile Boring Installation Summary Report. NWIRP, Bethpage. May.

Tetra Tech, NUS (Tetra Tech). 2002c. GM-39 and GM-73 VPB and Monitoring Well Installation Summary Report. NWIRP Bethpage, New York. November.

Tetra Tech, NUS (Tetra Tech) 2009. Summary Report for Pre-Design Field Investigation Offsite Location GM-75. NWIRP Bethpage, New York. September.

Tetra Tech. 2012a. Summary Packet VPB-127 and BPOW 1-3, 1-4, and 1-5. NWIRP Bethpage, New York. August.

Tetra Tech. 2012b. Summary Packet VPB-128 and BPOW 3-3 and 3-4. NWIRP Bethpage, New York. August.

A2- NIRIS ANALYTICAL DATA QUERY RESULTS ALL VOCs

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | BPHNMW29I | BPOW22 | | | BPOW34 | BPS1FWMW01 | BPS1FWMW02 | BPS1FWMW03 | RE107D1 | | RE107D1 | RE107D2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BPS1-HN-MW29I-20110302 | BPOW2-2 | BPOW2-2-20110224 | BPOW2-2-20110224-D | BPOW-0304-081111 | BPS1-FW-MW01-20110302 | BPS1-FW-MW02-20110302 | BPS1-FW-MW03-20110303 | RE107D1-GW-121815 | RE107DI-WG-102715 | DUPLICATE-WG-102715 | RE107D2-GW-121815 | RE107D2-WG-102715 |
| SAMPLE DATE | 20110302 | 20110210 | 20110224 | 20110224 | 20110811 | 20110302 | 20110302 | 20110303 | 20151218 | 20151027 | 20151027 | 20151218 | 20151027 |
| SAMPLE CODE | NORMAL | NORMAL | ORIG | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 23 | 0.98 J | 0.39 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.51 J | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROTRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.31 J | 0.5 U | 0.95 J | 0.82 J | 15 J | 15 | 14 J |
| 1,1-DICHLOROETHANE | 0.5 U | 0.86 J | 0.71 J | 0.5 U | 0.5 U | 4.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.59 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROPROPENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,3-TRICHLOROBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,3-TRICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-TRICHLOROBENZENE | NA | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRIMETHYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-DIBROMO-3-CHLOROPROPANE | NA | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROPROPANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-TRIMETHYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3-DICHLOROBENZENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,4-DICHLOROBENZENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,2-DICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-BUTANONE | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U |
| 2-CHLOROTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-HEXANONE | NA | 2.5 U | 2.5 U | 2.5 U | 2.5 U | NA | NA | NA | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U |
| 4-CHLOROTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4-ISOPROPYLTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4-METHYL-2-PENTANONE | NA | 2.5 U | 2.5 U | 2.5 U | 2.5 U | NA | NA | NA | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| ACETONE | 1.4 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 1 UR | 1 UR | 1 UR | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| BROMOCHLOROMETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| BROMODICHLOROMETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | NA | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | NA | 0.5 U | 0.5 U | 0.5 U | 2.1 | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLORODIBROMOMETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 1 UJ | 1 U | 1 U | 1 UJ | 1 U |
| CHLOROFORM | NA | 0.5 U | 0.5 U | 0.5 U | 1.3 | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 1 UJ | 1 UJ | 1 UJ | 1 U | 0.82 J |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.61 J | 110 | 0.28 J | 0.45 J | 0.21 J | 0.5 U | 2.2 J | 2.7 | 2.2 J |
| CIS-1,3-DICHLOROPROPENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | BPHNMW29I | BPOW22 | | | BPOW34 | BPS1FWMW01 | BPS1FWMW02 | BPS1FWMW03 | RE107D1 | | RE107D1 | RE107D2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BPS1-HN-MW29I-20110302 | BPOW2-2 | BPOW2-2-20110224 | BPOW2-2-20110224-D | BPOW-0304-081111 | BPS1-FW-MW01-20110302 | BPS1-FW-MW02-20110302 | BPS1-FW-MW03-20110303 | RE107D1-GW-121815 | RE107DI-WG-102715 | DUPLICATE-WG-102715 | RE107D2-GW-121815 | RE107D2-WG-102715 |
| SAMPLE DATE | 20110302 | 20110210 | 20110224 | 20110224 | 20110811 | 20110302 | 20110302 | 20110303 | 20151218 | 20151027 | 20151027 | 20151218 | 20151027 |
| SAMPLE CODE | NORMAL | NORMAL | ORIG | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | | | | | | | | | |
| CYCLOHEXANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOMETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.25 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.25 U | 0.25 U | 0.25 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| HEXACHLOROBUTADIENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ISOPROPYLBENZENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M+P-XYLENES | 0.5 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | NA | NA | NA | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| NAPHTHALENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-PROPYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| O-XYLENE | 0.25 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.25 U | 0.25 U | 0.25 U | 0.5 U | 4.4 J | 4.3 J | 0.5 U | 4.3 J |
| SEC-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| STYRENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TERT-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| TETRACHLOROETHENE | 0.58 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 550 | 41 | 66 | 1.6 J | 1.3 J | 6.9 J | 6.4 | 7.3 J |
| TOLUENE | 0.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOTAL 1,2-DICHLOROETHENE | NA | NA | NA | NA | NA | NA | NA | NA | 0.21 J | 1 U | 2.2 J | 2.7 | 2.2 J |
| TOTAL XYLENES | NA | NA | NA | NA | NA | NA | NA | NA | 1.5 U | 4.4 J | 4.3 J | 1.5 U | 4.3 J |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | NA | NA | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.4 J | 0.91 J | 0.71 J | 0.7 J | 39 | 41 | 3.9 | 3.8 | 17 | 14 J | 150 J | 140 | 140 J |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL ACETATE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |

**Notes:**
DUP- Duplicate
J- Estimated value
NIRIS- Naval Instalation Restoration
Information Solution
R- Rejected
U- Non Detect
µg/L- micrograms per liter
NA-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | RE107D3 | | RE114D1 | RE114D2 | RE114D3 | RE118D1 | | RE119D1 | | RE121D1 | RE121D2 | TT102D | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | RE107D3-GW-122915 | RE107D3-WG-102815 | RE114D1-GW-122115 | RE114D2-GW-121615 | RE114D3-GW-121615 | RE 118D1_20151123 | RE118D1-GW-062415 | RE119D1_20151120 | RE119D1-GW-081215 | RE121D1-GW-122115 | RE121D2-GW-122115 | TT-102D_20150528 | TT-102D_20150930 |
| SAMPLE DATE | 20151229 | 20151028 | 20151221 | 20151216 | 20151216 | 20151123 | 20150624 | 20151120 | 20150812 | 20151221 | 20151221 | 20150528 | 20150930 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.64 J | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.38 J | 0.48 J | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 1.6 J | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.64 J | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROTRIFLUOROETHANE | 4.9 | 1.9 J | 20 J | 14 | 13 | 5 U | 0.5 U | 5 U | 0.5 U | 8.3 | 17 J | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 1.5 J | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 4 J | 0.5 U | 1.1 | 1 U | 0.5 U | 1 U | 0.5 UJ | 2.1 | 2.1 J | 0.5 U | 0.5 U |
| 1,1-DICHLOROPROPENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,3-TRICHLOROBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,3-TRICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| 1,2,4-TRIMETHYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | NA | 0.75 U | NA | 0.75 UJ | 0.75 U | 0.75 U | NA | NA |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.38 J | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-TRIMETHYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| 1,3-DICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.5 U | NA | NA |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| 1,4-DIOXANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4.9 = | NA | NA |
| 2,2-DICHLOROPROPANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 10 U | 2.5 U | 10 U | 2.5 U | 2.5 UJ | 2.5 UJ | 5 U | 5 U |
| 2-CHLOROTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 5 U | 2.5 U | 5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2 U | 2 U |
| 4-CHLOROTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4-ISOPROPYLTOLUENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 5 U | 2.5 U | 5 U | 2.5 UJ | 2.5 U | NA | 2 U | 2 U |
| ACETONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 10 U | 2.7 J | 10 U | 2.5 U | 2.5 UJ | 2.5 UJ | 5 U | 5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| BROMOCHLOROMETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 2 U | 1 U | 2 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 0.5 U | 2 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 2.5 J | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.34 J | 3.1 J | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLORODIBROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | NA | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 2.9 J | 0.4 J | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.47 J | 1.7 J | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 5.1 J | 0.82 J | 0.67 J | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.96 J | NA | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | RE107D3 | | RE114D1 | RE114D2 | RE114D3 | RE118D1 | | RE119D1 | | RE121D1 | RE121D2 | TT102D | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | RE107D3-GW-122915 | RE107D3-WG-102815 | RE114D1-GW-122115 | RE114D2-GW-121615 | RE114D3-GW-121615 | RE 118D1_20151123 | RE118D1-GW-062415 | RE119D1_20151120 | RE119D1-GW-081215 | RE121D1-GW-122115 | RE121D2-GW-122115 | TT-102D_20150528 | TT-102D_20150930 |
| SAMPLE DATE | 20151229 | 20151028 | 20151221 | 20151216 | 20151216 | 20151123 | 20150624 | 20151120 | 20150812 | 20151221 | 20151221 | 20150528 | 20150930 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | | | | | | | | | |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| DIBROMOMETHANE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 J | 1 U | 1 U | NA | 1 U | NA | 1 U | 2.2 | 0.85 J | NA | NA |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| HEXACHLOROBUTADIENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| M+P-XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 0.5 U | 0.5 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | NA | 0.75 U | NA | 0.75 UJ | 0.75 U | 0.75 U | NA | NA |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 U | 0.5 U | 0.5 U | NA | NA |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | NA | 0.5 UJ | 0.5 U | 0.5 U | NA | NA |
| METHYLENE CHLORIDE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2 U | 2.5 U | 2 U | 2.5 UJ | 2.5 U | 2.5 U | 0.5 U | 0.5 U |
| NAPHTHALENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| N-PROPYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| SEC-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TERT-BUTYLBENZENE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.3 J | 0.5 U | 0.5 U | 0.57 J | 0.38 J | 0.72 | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 1 U | 5.1 J | 0.82 J | 0.67 J | NA | 1 U | NA | 1 UJ | 0.96 J | 2.1 J | NA | NA |
| TOTAL XYLENES | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | NA | 1.5 U | NA | 1.5 UJ | 1.5 U | 1.5 U | NA | NA |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.36 J | 0.5 U | 370 | 70 | 43 | 1 U | 0.5 U | 1 U | 0.5 UJ | 29 | 480 = | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | NA | 1 U | NA | 1 UJ | 1 U | 1 U | NA | NA |
| VINYL ACETATE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 0.5 U | 0.5 U |

**Notes:**
DUP- Duplicate
J- Estimated value
NIRIS- Naval Instalation Restoration Information Solution
R- Rejected
U- Non Detect
µg/L- micrograms per liter
NA-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | TT102D1 | TT102D2 | | | |
|---|---|---|---|---|---|
| SAMPLE ID | TT-102D1_20141029 | TT-102D2_20141029 | TT-102D2_20150528 | TT-102D2_20150930 | TT102D2-091813 |
| SAMPLE DATE | 20141029 | 20141029 | 20150528 | 20150930 | 20130918 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | NA | NA | NA | NA | 0.5 U |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROTRIFLUOROETHANE | 1 U | 1 U | 1 U | 1 U | NA |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROPROPENE | NA | NA | NA | NA | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,2,3-TRICHLOROPROPANE | NA | NA | NA | NA | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,2,4-TRIMETHYLBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | NA | NA | NA | NA | 0.5 U |
| 1,2-DIBROMOETHANE | NA | NA | NA | NA | 0.5 U |
| 1,2-DICHLOROBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-TRIMETHYLBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,3-DICHLOROBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,3-DICHLOROPROPANE | NA | NA | NA | NA | 0.5 U |
| 1,4-DICHLOROBENZENE | NA | NA | NA | NA | 0.5 U |
| 1,4-DIOXANE | NA | NA | NA | NA | 25 U |
| 2,2-DICHLOROPROPANE | NA | NA | NA | NA | 0.5 U |
| 2-BUTANONE | 5 U | 5 U | 5 U | 5 U | 0.5 U |
| 2-CHLOROTOLUENE | NA | NA | NA | NA | 0.5 U |
| 2-HEXANONE | 2 U | 2 U | 2 U | 2 U | 0.5 U |
| 4-CHLOROTOLUENE | NA | NA | NA | NA | 0.5 U |
| 4-ISOPROPYLTOLUENE | NA | NA | NA | NA | 0.5 U |
| 4-METHYL-2-PENTANONE | 2 U | 2 U | 2 U | 2 U | 0.5 U |
| ACETONE | 5 U | 5 U | 5 U | 5 U | 5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOBENZENE | NA | NA | NA | NA | 0.5 U |
| BROMOCHLOROMETHANE | NA | NA | NA | NA | 0.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLORODIBROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Select Monitoring Wells**
**Shown in 2001 to 2016 Appendices Figures**
**Former NWIRP Bethpage, New York**


| LOCATION | TT102D1 | TT102D2 | | | |
|---|---|---|---|---|---|
| SAMPLE ID | TT-102D1_20141029 | TT-102D2_20141029 | TT-102D2_20150528 | TT-102D2_20150930 | TT102D2-091813 |
| SAMPLE DATE | 20141029 | 20141029 | 20150528 | 20150930 | 20130918 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| TOP DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 |
| BOTTOM DEPTH | -9999 | -9999 | -9999 | -9999 | -9999 |
| **VOLATILES (UG/L)** | | | | | |
| CYCLOHEXANE | NA | NA | NA | NA | NA |
| DIBROMOMETHANE | NA | NA | NA | NA | 0.5 U |
| DICHLORODIFLUOROMETHANE | NA | NA | NA | NA | 0.5 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| HEXACHLOROBUTADIENE | NA | NA | NA | NA | 0.5 U |
| ISOPROPYLBENZENE | NA | NA | NA | NA | 0.5 U |
| M+P-XYLENES | NA | NA | 0.5 U | 0.5 U | 0.5 U |
| METHYL ACETATE | NA | NA | NA | NA | NA |
| METHYL CYCLOHEXANE | NA | NA | NA | NA | NA |
| METHYL TERT-BUTYL ETHER | NA | NA | NA | NA | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| NAPHTHALENE | NA | NA | NA | NA | 0.5 U |
| N-BUTYLBENZENE | NA | NA | NA | NA | 0.5 U |
| N-PROPYLBENZENE | NA | NA | NA | NA | 0.5 U |
| O-XYLENE | NA | NA | 0.5 U | 0.5 U | 0.5 U |
| SEC-BUTYLBENZENE | NA | NA | NA | NA | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TERT-BUTYLBENZENE | NA | NA | NA | NA | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOTAL 1,2-DICHLOROETHENE | 0.5 U | 0.5 U | NA | NA | NA |
| TOTAL XYLENES | 0.5 U | 0.5 U | NA | NA | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | NA | NA | NA | NA | 0.5 U |
| VINYL ACETATE | NA | NA | NA | NA | NA |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Notes:**
DUP- Duplicate
J- Estimated value
NIRIS- Naval Instalation Restoration Information Solution
R- Rejected
U- Non Detect
µg/L- micrograms per liter
NA-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-058 | BP-VPB129-GW-103 | BP-VPB129-GW-148 | BP-VPB129-GW-188 | BP-VPB129-GW-208 | BP-VPB129-GW-228 | BP-VPB129-GW-248 | BP-VPB129-GW-268 | BP-VPB129-GW-288 | BP-VPB129-GW-328 | BP-VPB129-GW-348 | BP-VPB129-GW-368 | BP-VPB129-GW-388 |
| SAMPLE DATE | 8/24/2011 | 8/25/2011 | 8/25/2011 | 8/26/2011 | 8/29/2011 | 8/29/2011 | 8/29/2011 | 8/29/2011 | 8/30/2011 | 8/31/2011 | 9/1/2011 | 9/1/2011 | 9/1/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 57 | 102 | 147 | 187 | 207 | 227 | 247 | 267 | 287 | 327 | 347 | 367 | 387 |
| BOTTOM DEPTH (FEET BGS) | 58 | 103 | 148 | 188 | 208 | 228 | 248 | 268 | 288 | 328 | 348 | 368 | 388 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.8 | 13 | 0.5 U | 0.5 U | 2.3 | 30 | 3.6 | 1.2 | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 J | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 1.6 | 0.5 U | 0.62 J | 1.3 | 0.5 U | 0.5 U | 0.5 U | 2 | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.7 | 0.5 U | 0.5 U | 0.5 U | 6.5 | 1.1 | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 8.1 | 0.5 U | 0.5 U | 0.74 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 2.5 UJ | 3.6 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 1.9 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROFORM | 0.9 J | 0.5 U | 0.5 U | 0.69 J | 0.67 J | 0.97 J | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.6 J | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 1.4 | 0.5 U | 1.1 | 3.2 | 0.5 U | 0.5 U | 0.5 U | 6 | 1.2 | 0.6 J | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.93 J | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

5/1/2017 3:33:13 PM

# NIRIS Analytical Data Query
# Volatile Organic Compounds (VOCs) in Vertical Profile Borings
# Former NWIRP Bethpage, New York


| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-058 | BP-VPB129-GW-103 | BP-VPB129-GW-148 | BP-VPB129-GW-188 | BP-VPB129-GW-208 | BP-VPB129-GW-228 | BP-VPB129-GW-248 | BP-VPB129-GW-268 | BP-VPB129-GW-288 | BP-VPB129-GW-328 | BP-VPB129-GW-348 | BP-VPB129-GW-368 | BP-VPB129-GW-388 |
| SAMPLE DATE | 8/24/2011 | 8/25/2011 | 8/25/2011 | 8/26/2011 | 8/29/2011 | 8/29/2011 | 8/29/2011 | 8/29/2011 | 8/30/2011 | 8/31/2011 | 9/1/2011 | 9/1/2011 | 9/1/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 57 | 102 | 147 | 187 | 207 | 227 | 247 | 267 | 287 | 327 | 347 | 367 | 387 |
| BOTTOM DEPTH (FEET BGS) | 58 | 103 | 148 | 188 | 208 | 228 | 248 | 268 | 288 | 328 | 348 | 368 | 388 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 2.9 | 35 | 37 | 0.5 U | 2.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 2 | 0.76 J | 1.8 | 3.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 9.1 | 19 | 57 | 220 | 0.78 J | 0.5 U | 0.5 U | 96 | 16 | 5 | 0.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.7 J | 0.5 U | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information Solution
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-408 | BP-VPB129-GW-428 | BP-VPB129-GW-448 | BP-VPB129-GW-468 | BP-VPB129-GW-488 | BP-VPB129-GW-508 | BP-VPB129-GW-528 | BP-VPB129-GW-548 | BP-VPB129-GW-588 | BP-VPB129-GW-608 | BP-VPB129-GW-628 | BP-VPB129-GW-648 | BP-VPB129-GW-668 |
| SAMPLE DATE | 9/6/2011 | 9/6/2011 | 9/6/2011 | 9/7/2011 | 9/7/2011 | 9/7/2011 | 9/8/2011 | 9/8/2011 | 9/12/2011 | 9/12/2011 | 9/19/2011 | 9/19/2011 | 9/19/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 407 | 427 | 447 | 467 | 487 | 507 | 527 | 547 | 587 | 607 | 627 | 647 | 667 |
| BOTTOM DEPTH (FEET BGS) | 408 | 428 | 448 | 468 | 488 | 508 | 528 | 548 | 588 | 608 | 628 | 648 | 668 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 1.7 | 0.5 UJ | 36 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 9.1 | 28 UJ | 31 UJ | 5.4 J | 15 | 2.4 J | 36 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.64 J | 1.1 | 0.5 UJ | 36 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.81 J | 1.4 | 0.5 UJ | 36 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 1.4 | 28 UJ | 31 UJ | 3.1 J | 8.4 | 1.1 J | 36 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 140 U | 125 UJ | 105 UJ | 95 UJ | 2.5 U | 140 UJ | 155 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 180 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 140 U | 125 UJ | 105 UJ | 95 UJ | 2.5 U | 140 UJ | 155 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 180 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 140 U | 125 UJ | 105 UJ | 95 UJ | 2.5 U | 140 UJ | 155 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 180 U | 2.5 U |
| ACETONE | 50 J | 140 U | 125 UJ | 105 UJ | 95 UJ | 2.5 U | 140 UJ | 155 UJ | 2 J | 11 | 19 J | 180 U | 2.5 U |
| BENZENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| BROMOFORM | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| BROMOMETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 UJ |
| CARBON DISULFIDE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 1.3 | 0.5 UJ | 36 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 2.4 | 1.7 J | 36 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.52 J | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| CHLOROETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.87 J | 0.74 J | 36 U | 0.5 U |
| CHLOROFORM | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.6 J | 28 UJ | 31 UJ | 0.49 J | 2.4 | 0.88 J | 36 U | 0.5 U |
| CHLOROMETHANE | 1.6 J | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.66 J | 36 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 2.5 | 28 UJ | 31 UJ | 0.59 J | 2.2 | 0.81 J | 36 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.53 J | 28 UJ | 31 UJ | 0.5 UJ | 1.5 | 0.5 J | 36 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 55 U | 49.5 UJ | 41.5 UJ | 38.5 UJ | 1 U | 55 UJ | 60 UJ | 1 UJ | 1 U | 1 UJ | 70 U | 1 U |
| METHYL ACETATE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |

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| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-408 | BP-VPB129-GW-428 | BP-VPB129-GW-448 | BP-VPB129-GW-468 | BP-VPB129-GW-488 | BP-VPB129-GW-508 | BP-VPB129-GW-528 | BP-VPB129-GW-548 | BP-VPB129-GW-588 | BP-VPB129-GW-608 | BP-VPB129-GW-628 | BP-VPB129-GW-648 | BP-VPB129-GW-668 |
| SAMPLE DATE | 9/6/2011 | 9/6/2011 | 9/6/2011 | 9/7/2011 | 9/7/2011 | 9/7/2011 | 9/8/2011 | 9/8/2011 | 9/12/2011 | 9/12/2011 | 9/19/2011 | 9/19/2011 | 9/19/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 407 | 427 | 447 | 467 | 487 | 507 | 527 | 547 | 587 | 607 | 627 | 647 | 667 |
| BOTTOM DEPTH (FEET BGS) | 408 | 428 | 448 | 468 | 488 | 508 | 528 | 548 | 588 | 608 | 628 | 648 | 668 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 47 J | 0.5 U |
| O-XYLENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| STYRENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 2.1 | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| TOLUENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 160 | 28 UJ | 34 J | 65 J | 170 | 66 J | 36 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| VINYL CHLORIDE | 0.5 UJ | 28 U | 24.5 UJ | 21 UJ | 19 UJ | 0.5 U | 28 UJ | 31 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 36 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-688 | BP-VPB129-GW-708 | BP-VPB129-GW-748 | BP-VPB129-GW-768 | BP-VPB129-GW-788 | BP-VPB129-GW-848 | BP-VPB130-SW-062711 | BP-VPB130-GW-057 | BP-VPB130-GW-102 | BP-VPB130-GW-147 | BP-VPB130-GW-227 | BP-VPB130-GW-247 | BP-VPB130-GW-267 |
| SAMPLE DATE | 9/20/2011 | 9/20/2011 | 9/20/2011 | 9/21/2011 | 9/21/2011 | 9/22/2011 | 6/27/2011 | 6/13/2011 | 6/13/2011 | 6/14/2011 | 6/14/2011 | 6/15/2011 | 6/15/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 687 | 707 | 747 | 767 | 787 | 847 | -999 | 57 | 102 | 147 | 227 | 247 | 267 |
| BOTTOM DEPTH (FEET BGS) | 688 | 708 | 748 | 768 | 788 | 848 | -999 | 57 | 102 | 147 | 227 | 247 | 267 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 7.5 | 1.8 | 1.2 J | 1.8 J | 5.8 J |
| 1,1-DICHLOROETHENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 2.5 | 0.5 U | 0.67 J | 0.5 U | 1.8 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 10 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 100 UJ | 95 U | 135 U | 140 U | 155 U | 85 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 100 UJ | 95 U | 135 U | 140 U | 155 U | 85 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 100 UJ | 95 U | 135 U | 140 U | 155 U | 85 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 100 UJ | 85 J | 135 U | 140 U | 155 U | 85 U | 2.5 UR | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 440 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROFORM | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 2.2 | 0.78 J | 1.1 J | 0.88 J | 1.5 J |
| CHLOROMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,2-DICHLOROETHENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.76 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 10 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| ETHYLBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 1.8 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 41 UJ | 38.5 U | 55 U | 55 U | 60 U | 33.5 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYL CYCLOHEXANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 1.9 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB129 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB129-GW-688 | BP-VPB129-GW-708 | BP-VPB129-GW-748 | BP-VPB129-GW-768 | BP-VPB129-GW-788 | BP-VPB129-GW-848 | BP-VPB130-SW-062711 | BP-VPB130-GW-057 | BP-VPB130-GW-102 | BP-VPB130-GW-147 | BP-VPB130-GW-227 | BP-VPB130-GW-247 | BP-VPB130-GW-267 |
| SAMPLE DATE | 9/20/2011 | 9/20/2011 | 9/20/2011 | 9/21/2011 | 9/21/2011 | 9/22/2011 | 6/27/2011 | 6/13/2011 | 6/13/2011 | 6/14/2011 | 6/14/2011 | 6/15/2011 | 6/15/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 687 | 707 | 747 | 767 | 787 | 847 | -999 | 57 | 102 | 147 | 227 | 247 | 267 |
| BOTTOM DEPTH (FEET BGS) | 688 | 708 | 748 | 768 | 788 | 848 | -999 | 57 | 102 | 147 | 227 | 247 | 267 |
| METHYL TERT-BUTYL ETHER | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 53 | 2.9 | 0.5 U | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 20.5 UJ | 36 J | 43 J | 84 | 97 | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 2.7 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 12 J | 9.8 J | 19 J | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 7.8 | 0.5 U | 7.8 J | 2.8 J | 3 J |
| TRICHLOROFLUOROMETHANE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 20.5 UJ | 19.5 U | 27.5 U | 28 U | 31 U | 16.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB130-GW-287 | BP-VPB130-GW-307 | BP-VPB130-GW-327 | BP-VPB130-GW-347 | BP-VPB130-GW-367 | BP-VPB130-GW-387 | BP-VPB130-GW-407 | BP-VPB130-GW-427 | BP-VPB130-GW-447 | BP-VPB130-GW-487 | BP-VPB130-GW-507 | BP-VPB130-GW-527 | BP-VPB130-GW-547 |
| SAMPLE DATE | 6/15/2011 | 6/15/2011 | 6/16/2011 | 6/16/2011 | 6/17/2011 | 6/20/2011 | 6/20/2011 | 6/20/2011 | 6/20/2011 | 6/21/2011 | 6/21/2011 | 6/21/2011 | 6/22/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 287 | 307 | 327 | 347 | 367 | 387 | 407 | 427 | 447 | 487 | 507 | 527 | 547 |
| BOTTOM DEPTH (FEET BGS) | 287 | 307 | 327 | 347 | 367 | 387 | 407 | 427 | 447 | 487 | 507 | 527 | 547 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 800 UJ | 2.5 UJ | 750 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 800 UJ | 2.5 U | 750 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 800 UJ | 2.5 U | 750 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U |
| ACETONE | 2.5 UJ | 1.5 J | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 800 UJ | 2.5 U | 750 UJ | 12.5 UR | 2.5 UR | 12.5 UR | 12.5 UR |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U |
| BROMOFORM | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CARBON DISULFIDE | 0.55 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 3.2 J |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 160 UJ | 0.5 UJ | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 320 UJ | 1 U | 305 UJ | 5 UJ | 1 U | 5 UJ | 5 U |
| METHYL ACETATE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |

| LOCATION | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB130-GW-287 | BP-VPB130-GW-307 | BP-VPB130-GW-327 | BP-VPB130-GW-347 | BP-VPB130-GW-367 | BP-VPB130-GW-387 | BP-VPB130-GW-407 | BP-VPB130-GW-427 | BP-VPB130-GW-447 | BP-VPB130-GW-487 | BP-VPB130-GW-507 | BP-VPB130-GW-527 | BP-VPB130-GW-547 |
| SAMPLE DATE | 6/15/2011 | 6/15/2011 | 6/16/2011 | 6/16/2011 | 6/17/2011 | 6/20/2011 | 6/20/2011 | 6/20/2011 | 6/20/2011 | 6/21/2011 | 6/21/2011 | 6/21/2011 | 6/22/2011 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 287 | 307 | 327 | 347 | 367 | 387 | 407 | 427 | 447 | 487 | 507 | 527 | 547 |
| BOTTOM DEPTH (FEET BGS) | 287 | 307 | 327 | 347 | 367 | 387 | 407 | 427 | 447 | 487 | 507 | 527 | 547 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 320 U | 0.5 U | 300 U | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 UJ | 0.5 U | 150 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB130-GW-567 | BP-VPB130-GW-587 | BP-VPB130-GW-627 | BP-VPB130-GW-647 | BP-VPB130-GW-667 | BP-VPB130-GW-687 | BP-VPB130-GW-707 | BP-VPB130-GW-747 | BP-VPB130-GW-767 | BP-VPB130-GW-787 | BP-VPB130-GW-807 | BP-VPB130-GW-847 | BP-VPB131-GW-068 |
| SAMPLE DATE | 6/22/2011 | 6/22/2011 | 6/23/2011 | 6/23/2011 | 6/24/2011 | 6/27/2011 | 6/27/2011 | 6/28/2011 | 6/28/2011 | 6/28/2011 | 6/29/2011 | 6/29/2011 | 3/15/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 567 | 587 | 627 | 647 | 667 | 687 | 707 | 747 | 767 | 787 | 807 | 847 | 68 |
| BOTTOM DEPTH (FEET BGS) | 567 | 587 | 627 | 647 | 667 | 687 | 707 | 747 | 767 | 787 | 807 | 847 | 68 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2-DIBROMOETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 UR |
| 2-BUTANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 12.5 UJ | 12.5 U | 2.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 2.5 U |
| 2-HEXANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 12.5 UJ | 12.5 U | 2.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 12.5 UJ | 12.5 U | 2.5 UJ | 12.5 U | 12.5 U | 12.5 UJ | 2.5 U |
| ACETONE | 12.5 UR | 12.5 UR | 12.5 UR | 12.5 UR | 12.5 UR | 12.5 UR | 12.5 UR | 12.5 UR | 2.5 UJ | 12.5 UR | 12.5 UR | 12.5 UR | 2.5 U |
| BENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| BROMODICHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| BROMOFORM | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| BROMOMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CARBON DISULFIDE | 2.4 J | 4.5 J | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CHLOROFORM | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| CYCLOHEXANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 0.5 U |
| ETHYLBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| M- AND P-XYLENE | 5 UJ | 5 UJ | 5 UJ | 4.95 U | 5 U | 4.95 UJ | 5 UJ | 5 U | 1 UJ | 4.95 U | 4.95 U | 5 UJ | 1 U |
| METHYL ACETATE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| METHYL CYCLOHEXANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |

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| LOCATION | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB130 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB130-GW-567 | BP-VPB130-GW-587 | BP-VPB130-GW-627 | BP-VPB130-GW-647 | BP-VPB130-GW-667 | BP-VPB130-GW-687 | BP-VPB130-GW-707 | BP-VPB130-GW-747 | BP-VPB130-GW-767 | BP-VPB130-GW-787 | BP-VPB130-GW-807 | BP-VPB130-GW-847 | BP-VPB131-GW-068 |
| SAMPLE DATE | 6/22/2011 | 6/22/2011 | 6/23/2011 | 6/23/2011 | 6/24/2011 | 6/27/2011 | 6/27/2011 | 6/28/2011 | 6/28/2011 | 6/28/2011 | 6/29/2011 | 6/29/2011 | 3/15/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 567 | 587 | 627 | 647 | 667 | 687 | 707 | 747 | 767 | 787 | 807 | 847 | 68 |
| BOTTOM DEPTH (FEET BGS) | 567 | 587 | 627 | 647 | 667 | 687 | 707 | 747 | 767 | 787 | 807 | 847 | 68 |
| METHYL TERT-BUTYL ETHER | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2 U | 2.5 UJ | 2.5 UJ | 3.4 U | 0.5 UJ | 3.8 U | 2.5 U | 6.9 U | 0.5 U |
| O-XYLENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| STYRENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TOLUENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TRICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| VINYL CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 0.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-118 | BP-VPB131-GW-168 | BP-VPB131-GW-208 | BP-VPB131-GW-228 | BP-VPB131-GW-248 | BP-VPB131-GW-268 | BP-VPB131-GW-288 | BP-VPB131-GW-308 | BP-VPB131-GW-328 | BP-VPB131-GW-348 | BP-VPB131-GW-368 | BP-VPB131-GW-388 | BP-VPB131-GW-408 |
| SAMPLE DATE | 3/16/2012 | 3/19/2012 | 3/19/2012 | 3/19/2012 | 3/19/2012 | 3/20/2012 | 3/20/2012 | 3/20/2012 | 3/20/2012 | 3/21/2012 | 3/21/2012 | 3/21/2012 | 3/21/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 118 | 168 | 208 | 228 | 248 | 268 | 288 | 308 | 328 | 348 | 368 | 388 | 408 |
| BOTTOM DEPTH (FEET BGS) | 120 | 170 | 210 | 230 | 250 | 270 | 290 | 310 | 330 | 350 | 370 | 390 | 410 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 3.3 | 1.6 | 1.2 | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 1.2 | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 UJ | 0.5 U | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| 1,4-DIOXANE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 49.5 UR | 49.5 UR | 10 UR | 10 UR | 49.5 UR | 10 UR | 10 UR |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U |
| ACETONE | 2.5 U | 12 | 2.5 U | 2.5 U | 2.5 U | 5 J | 14 J | 40 J | 2.5 U | 5.8 | 24 J | 3.9 J | 3.2 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.8 J | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.81 J | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.6 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 UJ | 0.5 U | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4.95 UJ | 4.95 UJ | 1 U | 1 U | 4.95 UJ | 1 U | 1 U |
| METHYL ACETATE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |

| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-118 | BP-VPB131-GW-168 | BP-VPB131-GW-208 | BP-VPB131-GW-228 | BP-VPB131-GW-248 | BP-VPB131-GW-268 | BP-VPB131-GW-288 | BP-VPB131-GW-308 | BP-VPB131-GW-328 | BP-VPB131-GW-348 | BP-VPB131-GW-368 | BP-VPB131-GW-388 | BP-VPB131-GW-408 |
| SAMPLE DATE | 3/16/2012 | 3/19/2012 | 3/19/2012 | 3/19/2012 | 3/19/2012 | 3/20/2012 | 3/20/2012 | 3/20/2012 | 3/20/2012 | 3/21/2012 | 3/21/2012 | 3/21/2012 | 3/21/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 118 | 168 | 208 | 228 | 248 | 268 | 288 | 308 | 328 | 348 | 368 | 388 | 408 |
| BOTTOM DEPTH (FEET BGS) | 120 | 170 | 210 | 230 | 250 | 270 | 290 | 310 | 330 | 350 | 370 | 390 | 410 |
| METHYL TERT-BUTYL ETHER | 710 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5.6 U | 6 U | 0.5 U | 0.5 U | 7.1 U | 0.5 U | 0.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.81 J | 0.5 U | 3.4 | 1.2 | 2.5 | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-428 | BP-VPB131-GW-448 | BP-VPB131-GW-468 | BP-VPB131-GW-488 | BP-VPB131-GW-508 | BP-VPB131-GW-528 | BP-VPB131-GW-548 | BP-VPB131-GW-568 | BP-VPB131-GW-588 | BP-VPB131-GW-608 | BP-VPB131-GW-618 | BP-VPB131-GW-628 | BP-VPB131-GW-638 |
| SAMPLE DATE | 3/22/2012 | 3/22/2012 | 3/23/2012 | 3/23/2012 | 3/26/2012 | 3/27/2012 | 3/27/2012 | 3/28/2012 | 3/28/2012 | 3/28/2012 | 3/29/2012 | 3/29/2012 | 3/29/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 428 | 448 | 468 | 488 | 508 | 528 | 548 | 568 | 588 | 608 | 618 | 628 | 638 |
| BOTTOM DEPTH (FEET BGS) | 430 | 450 | 470 | 490 | 510 | 530 | 550 | 570 | 590 | 610 | 620 | 630 | 640 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,1,2-TRICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,1-DICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,1-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2,3-TRICHLOROBENZENE | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2,4-TRICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2-DIBROMOETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2-DICHLOROETHANE | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,3-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,4-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 1,4-DIOXANE | 50 UR | 10 UR | 10 UR | 10 UR | 50 UR | 10 UR | 10 UR | 10 UR | 10 UR | 49.5 UR | 50 UR | 49.5 UR | 50 UR |
| 2-BUTANONE | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ |
| 2-HEXANONE | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ |
| 4-METHYL-2-PENTANONE | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ |
| ACETONE | 17 J | 6.4 | 2.1 J | 6.5 | 78 J | 12 | 5.1 | 14 | 8.5 | 18 J | 26 J | 19 J | 16 J |
| BENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BROMOCHLOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BROMODICHLOROMETHANE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BROMOFORM | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BROMOMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CARBON DISULFIDE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CARBON TETRACHLORIDE | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CHLOROBENZENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CHLOROFORM | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CHLOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CIS-1,2-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| CYCLOHEXANE | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| DIBROMOCHLOROMETHANE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| DICHLORODIFLUOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ETHYLBENZENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ISOPROPYLBENZENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| M- AND P-XYLENE | 5 U | 1 U | 1 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 4.95 UJ | 5 UJ | 4.95 UJ | 5 UJ |
| METHYL ACETATE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| METHYL CYCLOHEXANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |

| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 | VPB131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-428 | BP-VPB131-GW-448 | BP-VPB131-GW-468 | BP-VPB131-GW-488 | BP-VPB131-GW-508 | BP-VPB131-GW-528 | BP-VPB131-GW-548 | BP-VPB131-GW-568 | BP-VPB131-GW-588 | BP-VPB131-GW-608 | BP-VPB131-GW-618 | BP-VPB131-GW-628 | BP-VPB131-GW-638 |
| SAMPLE DATE | 3/22/2012 | 3/22/2012 | 3/23/2012 | 3/23/2012 | 3/26/2012 | 3/27/2012 | 3/27/2012 | 3/28/2012 | 3/28/2012 | 3/28/2012 | 3/29/2012 | 3/29/2012 | 3/29/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 428 | 448 | 468 | 488 | 508 | 528 | 548 | 568 | 588 | 608 | 618 | 628 | 638 |
| BOTTOM DEPTH (FEET BGS) | 430 | 450 | 470 | 490 | 510 | 530 | 550 | 570 | 590 | 610 | 620 | 630 | 640 |
| METHYL TERT-BUTYL ETHER | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| METHYLENE CHLORIDE | 5.5 | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.7 UJ | 2.4 UJ | 2.9 U | 2.4 U |
| O-XYLENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| STYRENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TETRACHLOROETHENE | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TOLUENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 2.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TRICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| TRICHLOROFLUOROMETHANE | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| VINYL CHLORIDE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-703 | BP-VPB131-GW-723 | BP-VPB131-GW-823 | BP-VPB131-GW-843 | BP-VPB132-GW-061 | BP-VPB132-GW-121 | BP-VPB132-GW-181 | BP-VPB132-GW-221 | BP-VPB132-GW-241 | BP-VPB132-GW-261 | BP-VPB132-GW-281 | BP-VPB132-GW-301 | BP-VPB132-GW-321 |
| SAMPLE DATE | 4/4/2012 | 4/4/2012 | 4/6/2012 | 4/6/2012 | 1/24/2012 | 1/24/2012 | 1/25/2012 | 1/25/2012 | 1/25/2012 | 1/26/2012 | 1/26/2012 | 1/30/2012 | 1/30/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 703 | 723 | 823 | 843 | 60 | 120 | 180 | 220 | 240 | 260 | 280 | 300 | 320 |
| BOTTOM DEPTH (FEET BGS) | 705 | 725 | 825 | 845 | 61 | 121 | 181 | 221 | 241 | 261 | 281 | 301 | 321 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 UJ | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.2 | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.52 J | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 5.1 | 2.5 U | 5.1 J | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.87 J | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 UJ | 2.55 UJ | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 4.6 | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | 10 UR | 10 UR | 10 UR | 50 UR | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 3.1 U | 2.5 U | 12.5 U | 2.5 U | 12.5 UJ | 2.5 UJ | 2.5 U | 12.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U | 2.5 UJ | 2.5 U | 12.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U | 2.5 UJ | 2.5 U | 12.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 6.1 U | 24 U | 5.5 U | 34 | 15 | 11 J | 2.5 UJ | 2.5 U | 35 | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 280 | 3.4 J | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.57 J | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 2.1 | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 UJ | 2.55 UJ | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROFORM | 1.8 | 0.5 U | 0.5 U | 2.5 U | 2.2 | 2.55 U | 0.5 UJ | 3.2 | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 1.2 | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.44 J | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 2.4 | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 2.5 U | 0.5 UJ | 2.55 U | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.56 J | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 UJ | 2.55 UJ | 0.5 UJ | 1.1 J | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 5 U | 1 U | 5 U | 1 UJ | 1 U | 4.95 U | 1 UJ | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 UJ | 0.5 UJ | 0.93 J | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB131 | VPB131 | VPB131 | VPB131 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB131-GW-703 | BP-VPB131-GW-723 | BP-VPB131-GW-823 | BP-VPB131-GW-843 | BP-VPB132-GW-061 | BP-VPB132-GW-121 | BP-VPB132-GW-181 | BP-VPB132-GW-221 | BP-VPB132-GW-241 | BP-VPB132-GW-261 | BP-VPB132-GW-281 | BP-VPB132-GW-301 | BP-VPB132-GW-321 |
| SAMPLE DATE | 4/4/2012 | 4/4/2012 | 4/6/2012 | 4/6/2012 | 1/24/2012 | 1/24/2012 | 1/25/2012 | 1/25/2012 | 1/25/2012 | 1/26/2012 | 1/26/2012 | 1/30/2012 | 1/30/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 703 | 723 | 823 | 843 | 60 | 120 | 180 | 220 | 240 | 260 | 280 | 300 | 320 |
| BOTTOM DEPTH (FEET BGS) | 705 | 725 | 825 | 845 | 61 | 121 | 181 | 221 | 241 | 261 | 281 | 301 | 321 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 14 | 2.5 U | 3.8 J | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 2.3 J | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 UJ | 0.5 UJ | 1.7 | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 UJ | 2.55 U | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 61 | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.66 J | 3.1 | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.55 U | 0.5 UJ | 0.5 U | 2.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB132-GW-341 | BP-VPB132-GW-361 | BP-VPB132-GW-381 | BP-VPB132-GW-401 | BP-VPB132-GW-421 | BP-VPB132-GW-441 | BP-VPB132-GW-461 | BP-VPB132-GW-481 | BP-VPB132-GW-501 | BP-VPB132-GW-521 | BP-VPB132-GW-541 | BP-VPB132-GW-561 | BP-VPB132-GW-581 |
| SAMPLE DATE | 1/31/2012 | 1/31/2012 | 1/30/2012 | 2/1/2012 | 2/1/2012 | 2/1/2012 | 2/2/2012 | 2/2/2012 | 2/2/2012 | 2/3/2012 | 2/6/2012 | 2/6/2012 | 2/7/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 480 | 500 | 520 | 540 | 560 | 580 |
| BOTTOM DEPTH (FEET BGS) | 341 | 361 | 381 | 401 | 421 | 441 | 461 | 481 | 501 | 521 | 541 | 561 | 581 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 UR | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 UR | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UR | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 2.5 U | 2.5 UR | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 29 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 13 | 2.5 UJ |
| BENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROFORM | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 UR | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB132-GW-341 | BP-VPB132-GW-361 | BP-VPB132-GW-381 | BP-VPB132-GW-401 | BP-VPB132-GW-421 | BP-VPB132-GW-441 | BP-VPB132-GW-461 | BP-VPB132-GW-481 | BP-VPB132-GW-501 | BP-VPB132-GW-521 | BP-VPB132-GW-541 | BP-VPB132-GW-561 | BP-VPB132-GW-581 |
| SAMPLE DATE | 1/31/2012 | 1/31/2012 | 1/30/2012 | 2/1/2012 | 2/1/2012 | 2/1/2012 | 2/2/2012 | 2/2/2012 | 2/2/2012 | 2/3/2012 | 2/6/2012 | 2/6/2012 | 2/7/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 480 | 500 | 520 | 540 | 560 | 580 |
| BOTTOM DEPTH (FEET BGS) | 341 | 361 | 381 | 401 | 421 | 441 | 461 | 481 | 501 | 521 | 541 | 561 | 581 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB132-GW-601 | BP-VPB132-GW-641 | BP-VPB132-GW-681 | BP-VPB132-GW-701 | BP-VPB132-GW-721 | BP-VPB132-GW-741 | BP-VPB132-GW-761 | BP-VPB132-GW-781 | BP-VPB132-GW-821 | BP-VPB132-GW-841 | BP-VPB132-GW-861 | BP-VPB132-GW-942 | BP-VPB133-GW-058 |
| SAMPLE DATE | 2/7/2012 | 2/8/2012 | 2/8/2012 | 2/9/2012 | 2/9/2012 | 2/9/2012 | 2/13/2012 | 2/13/2012 | 2/14/2012 | 2/14/2012 | 2/15/2012 | 2/21/2012 | 1/4/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 600 | 640 | 680 | 700 | 720 | 740 | 760 | 780 | 820 | 840 | 860 | 941 | 57 |
| BOTTOM DEPTH (FEET BGS) | 601 | 641 | 681 | 701 | 721 | 741 | 761 | 781 | 821 | 841 | 861 | 942 | 58 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 50 UR | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 12.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 UJ |
| ACETONE | 2.5 UJ | 5 | 19 J | 4.8 J | 17 J | 25 J | 13 J | 20 J | 15 J | 28 | 37 | 19 J | 42 J |
| BENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| BROMOMETHANE | 0.5 UJ | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| CHLOROETHANE | 0.5 UJ | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 1.7 J |
| CHLOROFORM | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 J |
| CHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.1 J |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 5 U | 1 U | 4.95 U | 5 U | 4.95 U | 4.95 U | 4.95 U | 4.95 U | 5 U | 5 U | 1 UJ |
| METHYL ACETATE | 0.5 UJ | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |

| LOCATION | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB132 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB132-GW-601 | BP-VPB132-GW-641 | BP-VPB132-GW-681 | BP-VPB132-GW-701 | BP-VPB132-GW-721 | BP-VPB132-GW-741 | BP-VPB132-GW-761 | BP-VPB132-GW-781 | BP-VPB132-GW-821 | BP-VPB132-GW-841 | BP-VPB132-GW-861 | BP-VPB132-GW-942 | BP-VPB133-GW-058 |
| SAMPLE DATE | 2/7/2012 | 2/8/2012 | 2/8/2012 | 2/9/2012 | 2/9/2012 | 2/9/2012 | 2/13/2012 | 2/13/2012 | 2/14/2012 | 2/14/2012 | 2/15/2012 | 2/21/2012 | 1/4/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 600 | 640 | 680 | 700 | 720 | 740 | 760 | 780 | 820 | 840 | 860 | 941 | 57 |
| BOTTOM DEPTH (FEET BGS) | 601 | 641 | 681 | 701 | 721 | 741 | 761 | 781 | 821 | 841 | 861 | 942 | 58 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.6 J |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 5.1 | 2.5 UJ | 2.5 U | 0.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 2.5 UJ | 0.5 U | 2.45 UJ | 2.55 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 0.5 UJ |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 2.45 U | 2.55 U | 2.45 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 UJ |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-114 | BP-VPB133-GW-148 | BP-VPB133-GW-150 | BP-VPB133-GW-194 | BP-VPB133-GW-234 | BP-VPB133-GW-254 | BP-VPB133-GW-274 | BP-VPB133-GW-294 | BP-VPB133-GW-314 | BP-VPB133-GW-334 | BP-VPB133-GW-354 | BP-VPB133-GW-374 | BP-VPB133-GW-394 |
| SAMPLE DATE | 1/4/2012 | 1/5/2012 | 1/5/2012 | 1/6/2012 | 1/9/2012 | 1/9/2012 | 1/10/2012 | 1/10/2012 | 1/10/2012 | 1/11/2012 | 1/11/2012 | 1/11/2012 | 1/12/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 113 | 147 | 148 | 193 | 233 | 253 | 273 | 293 | 313 | 333 | 353 | 373 | 393 |
| BOTTOM DEPTH (FEET BGS) | 144 | 148 | 150 | 194 | 234 | 254 | 274 | 294 | 314 | 334 | 354 | 374 | 394 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UR | 0.5 UJ | 0.5 UR | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHANE | 0.5 UR | 1.3 | 1.1 J | 0.5 U | 3 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHENE | 0.5 UR | 0.5 U | 0.63 J | 0.5 U | 0.68 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.46 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ |
| 1,2-DIBROMOETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.51 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 2.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UR | 4.9 J | 2.5 UR | 2.5 U | 2.7 J | 13 J | 2.5 U | 2.5 U | 2.5 U | 5.5 J | 5.5 J | 2.5 U | 23 J |
| 2-HEXANONE | 2.5 UR | 2.5 U | 2.5 UR | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UR | 2.5 U | 2.5 UR | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U |
| ACETONE | 5.5 J | 27 J | 3.8 J | 2.5 UJ | 5 J | 9.1 | 4.7 J | 6.8 | 6.2 | 7.3 | 10 | 8.6 | 72 |
| BENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| BROMOFORM | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| BROMOMETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| CARBON DISULFIDE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 1.8 J | 0.5 UJ | 2 J | 0.5 UJ | 2.4 J | 1.6 J | 0.5 UJ | 2.5 U |
| CARBON TETRACHLORIDE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| CHLOROBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| CHLOROETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ |
| CHLOROFORM | 0.5 UR | 0.5 U | 0.42 J | 0.5 U | 3.1 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| CHLOROMETHANE | 0.5 UR | 4 J | 0.5 UR | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 1.8 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| CYCLOHEXANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 UR | 0.5 UJ | 0.5 UR | 0.5 UJ | 2.1 J | 2 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| ETHYLBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| ISOPROPYLBENZENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| M- AND P-XYLENE | 1 UR | 1 U | 1 UR | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 5 U |
| METHYL ACETATE | 0.5 UR | 0.5 UJ | 0.5 UR | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| METHYL CYCLOHEXANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |

5/1/2017 3:33:13 PM

| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-114 | BP-VPB133-GW-148 | BP-VPB133-GW-150 | BP-VPB133-GW-194 | BP-VPB133-GW-234 | BP-VPB133-GW-254 | BP-VPB133-GW-274 | BP-VPB133-GW-294 | BP-VPB133-GW-314 | BP-VPB133-GW-334 | BP-VPB133-GW-354 | BP-VPB133-GW-374 | BP-VPB133-GW-394 |
| SAMPLE DATE | 1/4/2012 | 1/5/2012 | 1/5/2012 | 1/6/2012 | 1/9/2012 | 1/9/2012 | 1/10/2012 | 1/10/2012 | 1/10/2012 | 1/11/2012 | 1/11/2012 | 1/11/2012 | 1/12/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 113 | 147 | 148 | 193 | 233 | 253 | 273 | 293 | 313 | 333 | 353 | 373 | 393 |
| BOTTOM DEPTH (FEET BGS) | 144 | 148 | 150 | 194 | 234 | 254 | 274 | 294 | 314 | 334 | 354 | 374 | 394 |
| METHYL TERT-BUTYL ETHER | 0.5 UR | 2.2 | 2.3 J | 0.5 U | 8.8 | 5.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| METHYLENE CHLORIDE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| O-XYLENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| STYRENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| TETRACHLOROETHENE | 0.5 UR | 0.5 U | 1.4 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| TOLUENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U |
| TRICHLOROETHENE | 0.5 UR | 0.79 J | 1.4 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 UR | 0.5 U | 0.5 UR | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| VINYL CHLORIDE | 0.5 UR | 0.5 UJ | 0.5 UR | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-414 | BP-VPB133-GW-434 | BP-VPB133-GW-454 | BP-VPB133-GW-474 | BP-VPB133-GW-494 | BP-VPB133-GW-514 | BP-VPB133-GW-534 | BP-VPB133-GW-554 | BP-VPB133-GW-574 | BP-VPB133-GW-594 | BP-VPB133-GW-614 | BP-VPB133-GW-634 | BP-VPB133-GW-654 |
| SAMPLE DATE | 1/12/2012 | 1/12/2012 | 1/13/2012 | 1/13/2012 | 1/13/2012 | 1/16/2012 | 1/16/2012 | 1/17/2012 | 1/17/2012 | 1/17/2012 | 1/18/2012 | 1/18/2012 | 1/18/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 413 | 433 | 434 | 473 | 493 | 513 | 533 | 553 | 573 | 593 | 613 | 633 | 653 |
| BOTTOM DEPTH (FEET BGS) | 414 | 434 | 454 | 474 | 494 | 514 | 534 | 554 | 574 | 594 | 614 | 634 | 654 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,1-DICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,1-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 UJ | 2.55 UJ | 2.45 UJ | 0.5 UR | 2.5 UJ |
| 1,2-DIBROMOETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,2-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,2-DICHLOROETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,3-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,4-DICHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 5.4 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UR | 2.5 UR | 12.5 U | 12.5 U | 12.5 U | 2.5 UR | 12.5 U |
| 2-HEXANONE | 12.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UR | 2.5 UR | 12.5 U | 12.5 U | 12.5 U | 2.5 UR | 12.5 U |
| 4-METHYL-2-PENTANONE | 12.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UR | 2.5 UR | 12.5 U | 12.5 U | 12.5 U | 2.5 UR | 12.5 U |
| ACETONE | 22 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 7.6 | 4.2 J | 4.8 J | 32 | 38 | 34 | 8.2 J | 31 |
| BENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| BROMOFORM | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| BROMOMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CARBON DISULFIDE | 18 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CARBON TETRACHLORIDE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CHLOROBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CHLOROETHANE | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UR | 0.5 UR | 2.5 UJ | 2.55 UJ | 2.45 UJ | 0.5 UR | 2.5 UJ |
| CHLOROFORM | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CHLOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| CYCLOHEXANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| DIBROMOCHLOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| ETHYLBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| ISOPROPYLBENZENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| M- AND P-XYLENE | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UR | 1 UR | 4.95 U | 5 U | 4.9 U | 1 UR | 5 U |
| METHYL ACETATE | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| METHYL CYCLOHEXANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |

| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-414 | BP-VPB133-GW-434 | BP-VPB133-GW-454 | BP-VPB133-GW-474 | BP-VPB133-GW-494 | BP-VPB133-GW-514 | BP-VPB133-GW-534 | BP-VPB133-GW-554 | BP-VPB133-GW-574 | BP-VPB133-GW-594 | BP-VPB133-GW-614 | BP-VPB133-GW-634 | BP-VPB133-GW-654 |
| SAMPLE DATE | 1/12/2012 | 1/12/2012 | 1/13/2012 | 1/13/2012 | 1/13/2012 | 1/16/2012 | 1/16/2012 | 1/17/2012 | 1/17/2012 | 1/17/2012 | 1/18/2012 | 1/18/2012 | 1/18/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 413 | 433 | 434 | 473 | 493 | 513 | 533 | 553 | 573 | 593 | 613 | 633 | 653 |
| BOTTOM DEPTH (FEET BGS) | 414 | 434 | 454 | 474 | 494 | 514 | 534 | 554 | 574 | 594 | 614 | 634 | 654 |
| METHYL TERT-BUTYL ETHER | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| METHYLENE CHLORIDE | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 6.1 | 0.5 UR | 6 |
| O-XYLENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| STYRENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TETRACHLOROETHENE | 2.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TOLUENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TRICHLOROETHENE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| TRICHLOROFLUOROMETHANE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| VINYL CHLORIDE | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UR | 0.5 UR | 2.5 U | 2.55 U | 2.45 U | 0.5 UR | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-694 | BP-VPB133-GW-703 | BP-VPB133-GW-714 | BP-VPB133-GW-734 | BP-VPB133-GW-744 | BP-VPB133-GW-754 | BP-VPB133-GW-764 | BP-VPB133-GW-784 | BP-VPB133-GW-794 | BP-VPB133-GW-808 | BP-VPB133-GW-814 | BP-VPB133-GW-824 | BP-VPB133-GW-834 |
| SAMPLE DATE | 1/20/2012 | 1/20/2012 | 1/23/2012 | 1/23/2012 | 1/24/2012 | 1/24/2012 | 1/24/2012 | 1/25/2012 | 1/25/2012 | 1/26/2012 | 1/26/2012 | 1/27/2012 | 1/27/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 693 | 703 | 713 | 733 | 743 | 753 | 763 | 783 | 793 | 807 | 813 | 823 | 833 |
| BOTTOM DEPTH (FEET BGS) | 694 | 704 | 714 | 734 | 744 | 754 | 764 | 784 | 794 | 808 | 814 | 824 | 834 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,1-DICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,1-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2-DIBROMOETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2-DICHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U | 3.9 J | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| 2-HEXANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| 4-METHYL-2-PENTANONE | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 12.5 UJ | 2.5 U | 12.5 UJ | 12.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| ACETONE | 29 J | 35 J | 19 J | 16 J | 24 J | 6.8 | 35 J | 53 | 15 | 24 J | 27 | 28 | 73 |
| BENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| BROMOFORM | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| BROMOMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CARBON DISULFIDE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CARBON TETRACHLORIDE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CHLOROBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CHLOROFORM | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| CYCLOHEXANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| DIBROMOCHLOROMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| ETHYLBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| ISOPROPYLBENZENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| M- AND P-XYLENE | 5 UJ | 5 UJ | 4.95 UJ | 4.9 UJ | 4.95 UJ | 1 U | 5 UJ | 5 U | 1 U | 4.95 U | 5 U | 5 U | 5 U |
| METHYL ACETATE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| METHYL CYCLOHEXANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |

| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-694 | BP-VPB133-GW-703 | BP-VPB133-GW-714 | BP-VPB133-GW-734 | BP-VPB133-GW-744 | BP-VPB133-GW-754 | BP-VPB133-GW-764 | BP-VPB133-GW-784 | BP-VPB133-GW-794 | BP-VPB133-GW-808 | BP-VPB133-GW-814 | BP-VPB133-GW-824 | BP-VPB133-GW-834 |
| SAMPLE DATE | 1/20/2012 | 1/20/2012 | 1/23/2012 | 1/23/2012 | 1/24/2012 | 1/24/2012 | 1/24/2012 | 1/25/2012 | 1/25/2012 | 1/26/2012 | 1/26/2012 | 1/27/2012 | 1/27/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 693 | 703 | 713 | 733 | 743 | 753 | 763 | 783 | 793 | 807 | 813 | 823 | 833 |
| BOTTOM DEPTH (FEET BGS) | 694 | 704 | 714 | 734 | 744 | 754 | 764 | 784 | 794 | 808 | 814 | 824 | 834 |
| METHYL TERT-BUTYL ETHER | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| METHYLENE CHLORIDE | 2.7 J | 2.7 J | 2.7 J | 2.45 UJ | 2.5 UJ | 0.5 UJ | 3.1 J | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| O-XYLENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| STYRENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TETRACHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TOLUENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 UJ | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TRICHLOROETHENE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| VINYL CHLORIDE | 2.5 UJ | 2.5 UJ | 2.45 UJ | 2.45 UJ | 2.5 UJ | 0.5 U | 2.5 UJ | 2.5 U | 0.5 U | 2.5 U | 2.5 U | 2.55 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-844 | BP-VPB133-GW-854 | BP-VPB133-GW-864 | BP-VPB133-GW-874 | BP-VPB133-GW-884 | BP-VPB133-GW-904 | BP-VPB133-GW-939 | BP-VPB133-GW-959 | BP-VPB133-GW-974 | BP-VPB134-GW-063 | BP-VPB134-GW-108 | BP-VPB134-GW-153 | BP-VPB134-GW-198 |
| SAMPLE DATE | 1/30/2012 | 1/30/2012 | 1/31/2012 | 1/31/2012 | 1/31/2012 | 2/1/2012 | 2/2/2012 | 2/2/2012 | 2/3/2012 | 8/20/2012 | 8/20/2012 | 8/20/2012 | 8/21/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 843 | 853 | 863 | 873 | 883 | 903 | 938 | 958 | 973 | 62 | 107 | 152 | 197 |
| BOTTOM DEPTH (FEET BGS) | 844 | 854 | 864 | 874 | 884 | 904 | 939 | 959 | 974 | 63 | 108 | 153 | 198 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4.6 | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 1.7 | 2 | 1.7 |
| 1,1,2-TRICHLOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.58 J | 0.5 U |
| 1,1-DICHLOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 | 5 |
| 1,1-DICHLOROETHENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.65 J | 22 | 2.4 |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 UR | 10 UR | 70 J | 10 UR |
| 2-BUTANONE | 12.5 U | 12.5 U | 13 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 UJ | 2.5 UJ | 5.5 | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 12.5 U | 12.5 U | 13 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 12.5 U | 12.5 U | 13 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 12.5 U | 18 J | 13 U | 20 J | 20 J | 33 | 12.5 U | 12.5 UJ | 2.5 U | 42 | 8.2 | 12 | 9.4 |
| BENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 2.5 UJ | 2.5 UJ | 2.55 UJ | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROFORM | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4.6 | 0.5 U |
| CHLOROMETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.41 J | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1.3 | 2.2 |
| CIS-1,3-DICHLOROPROPENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1.7 | 0.5 U |
| ETHYLBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 5 U | 4.95 U | 5 U | 4.9 U | 5 U | 5 U | 5 U | 5 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL CYCLOHEXANE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB133 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB133-GW-844 | BP-VPB133-GW-854 | BP-VPB133-GW-864 | BP-VPB133-GW-874 | BP-VPB133-GW-884 | BP-VPB133-GW-904 | BP-VPB133-GW-939 | BP-VPB133-GW-959 | BP-VPB133-GW-974 | BP-VPB134-GW-063 | BP-VPB134-GW-108 | BP-VPB134-GW-153 | BP-VPB134-GW-198 |
| SAMPLE DATE | 1/30/2012 | 1/30/2012 | 1/31/2012 | 1/31/2012 | 1/31/2012 | 2/1/2012 | 2/2/2012 | 2/2/2012 | 2/3/2012 | 8/20/2012 | 8/20/2012 | 8/20/2012 | 8/21/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 843 | 853 | 863 | 873 | 883 | 903 | 938 | 958 | 973 | 62 | 107 | 152 | 197 |
| BOTTOM DEPTH (FEET BGS) | 844 | 854 | 864 | 874 | 884 | 904 | 939 | 959 | 974 | 63 | 108 | 153 | 198 |
| METHYL TERT-BUTYL ETHER | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.6 J | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.47 J | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 1.4 | 73 | 1.2 |
| TOLUENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 1.1 | 0.5 U | 0.76 J | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 7 | 35 | 17 |
| TRICHLOROFLUOROMETHANE | 2.5 UJ | 2.5 UJ | 2.55 UJ | 2.45 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 33 | 0.5 U |
| VINYL CHLORIDE | 2.5 U | 2.5 U | 2.55 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-218 | BP-VPB134-GW-238 | BP-VPB134-GW-258 | BP-VPB134-GW-278 | BP-VPB134-GW-298 | BP-VPB134-GW-318 | BP-VPB134-GW-338 | BP-VPB134-GW-358 | BP-VPB134-GW-378 | BP-VPB134-GW-398 | BP-VPB134-GW-418 | BP-VPB134-GW-438 | BP-VPB134-GW-458 |
| SAMPLE DATE | 8/21/2012 | 8/21/2012 | 8/21/2012 | 8/22/2012 | 8/22/2012 | 8/22/2012 | 8/22/2012 | 8/23/2012 | 8/23/2012 | 8/24/2012 | 8/27/2012 | 8/28/2012 | 8/28/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 217 | 237 | 257 | 277 | 297 | 317 | 337 | 357 | 377 | 397 | 417 | 437 | 457 |
| BOTTOM DEPTH (FEET BGS) | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 | 458 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 1.5 | 0.5 U | 0.5 U | 2.2 | 2.6 | 23 J | 3.6 | 20 J | 1.8 | 0.8 J | 0.72 J | 1.1 |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 8.3 | 1.1 | 4.2 | 1.1 | 3.3 | 8.2 J | 0.5 U | 0.5 UJ | 4.7 | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.54 J | 0.5 U | 0.47 J | 0.44 J | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 1.4 | 0.96 J | 1.8 | 1.4 | 1.7 | 4.9 J | 5.6 | 5.7 J | 1.7 | 2.5 | 3.1 | 6.1 |
| 1,1-DICHLOROETHENE | 0.5 U | 7.4 | 4.7 | 6.8 | 13 | 15 | 73 J | 12 | 63 J | 8.1 | 0.96 J | 0.73 J | 0.75 J |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.62 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.66 J | 0.91 J | 1.4 |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 5.5 | 2.4 J | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 7.3 | 2.5 U | 11 | 15 | 2.5 U | 13 | 2.5 UJ | 13 | 2.5 UJ | 8.4 | 2.5 U | 2.5 U | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROFORM | 0.5 U | 0.65 J | 1.5 | 1 | 1.2 | 1.5 | 21 J | 1.4 | 3.2 J | 0.9 J | 0.4 J | 0.43 J | 0.49 J |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.41 J | 0.53 J | 0.5 U | 0.5 UJ | 0.45 J | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 1.4 | 0.71 J | 1 | 0.68 J | 0.91 J | 2.5 J | 1.3 | 3.2 J | 7.9 | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.69 J | 1.7 | 1.7 | 21 J | 2 | 32 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-218 | BP-VPB134-GW-238 | BP-VPB134-GW-258 | BP-VPB134-GW-278 | BP-VPB134-GW-298 | BP-VPB134-GW-318 | BP-VPB134-GW-338 | BP-VPB134-GW-358 | BP-VPB134-GW-378 | BP-VPB134-GW-398 | BP-VPB134-GW-418 | BP-VPB134-GW-438 | BP-VPB134-GW-458 |
| SAMPLE DATE | 8/21/2012 | 8/21/2012 | 8/21/2012 | 8/22/2012 | 8/22/2012 | 8/22/2012 | 8/22/2012 | 8/23/2012 | 8/23/2012 | 8/24/2012 | 8/27/2012 | 8/28/2012 | 8/28/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 217 | 237 | 257 | 277 | 297 | 317 | 337 | 357 | 377 | 397 | 417 | 437 | 457 |
| BOTTOM DEPTH (FEET BGS) | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 | 458 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 1.7 | 12 | 10 | 13 | 24 | 25 | 130 | 8.9 | 120 | 100 | 29 | 8.8 | 3.2 |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 3.3 | 91 | 11 | 41 | 40 | 42 | 420 | 61 | 94 | 2400 | 31 | 19 | 1.8 |
| TRICHLOROFLUOROMETHANE | 0.5 U | 5.7 | 7.8 | 8.9 | 25 | 26 | 180 | 34 | 240 | 0.5 U | 1.8 | 0.5 U | 0.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 6.2 J | 2.3 | 0.5 U | 0.5 U | 0.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-478 | BP-VPB134-GW-498 | BP-VPB134-GW-518 | BP-VPB134-GW-538 | BP-VPB134-GW-578 | BP-VPB134-GW-598 | BP-VPB134-GW-618 | BP-VPB134-GW-638 | BP-VPB134-GW-658 | BP-VPB134-GW-678 | BP-VPB134-GW-698 | BP-VPB134-GW-769 | BP-VPB134-GW-788 |
| SAMPLE DATE | 8/28/2012 | 8/28/2012 | 8/29/2012 | 8/29/2012 | 8/30/2012 | 8/30/2012 | 8/30/2012 | 8/31/2012 | 9/4/2012 | 9/4/2012 | 9/4/2012 | 9/6/2012 | 9/6/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 477 | 497 | 517 | 537 | 577 | 597 | 617 | 637 | 657 | 677 | 697 | 768 | 787 |
| BOTTOM DEPTH (FEET BGS) | 478 | 498 | 518 | 538 | 578 | 598 | 618 | 638 | 658 | 678 | 698 | 769 | 788 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHANE | 0.48 J | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| 1,4-DIOXANE | 10 UR | 10 UR | 10 UR | 10 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 10 UR | 50 UR |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 U | 12.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 U | 12.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 U | 12.5 U |
| ACETONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 18 J | 12.5 U | 22 J | 12.5 U | 31 | 19 J | 12.5 U | 7.2 | 12.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.4 J | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1 U | 5 U |
| METHYL ACETATE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |

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| LOCATION | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 | VPB134 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-478 | BP-VPB134-GW-498 | BP-VPB134-GW-518 | BP-VPB134-GW-538 | BP-VPB134-GW-578 | BP-VPB134-GW-598 | BP-VPB134-GW-618 | BP-VPB134-GW-638 | BP-VPB134-GW-658 | BP-VPB134-GW-678 | BP-VPB134-GW-698 | BP-VPB134-GW-769 | BP-VPB134-GW-788 |
| SAMPLE DATE | 8/28/2012 | 8/28/2012 | 8/29/2012 | 8/29/2012 | 8/30/2012 | 8/30/2012 | 8/30/2012 | 8/31/2012 | 9/4/2012 | 9/4/2012 | 9/4/2012 | 9/6/2012 | 9/6/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 477 | 497 | 517 | 537 | 577 | 597 | 617 | 637 | 657 | 677 | 697 | 768 | 787 |
| BOTTOM DEPTH (FEET BGS) | 478 | 498 | 518 | 538 | 578 | 598 | 618 | 638 | 658 | 678 | 698 | 769 | 788 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TETRACHLOROETHENE | 3.8 | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TRICHLOROETHENE | 2.2 | 0.5 U | 0.5 U | 0.5 U | 1.2 J | 1.2 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB134 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-798 | BP-VPB135-GW-63 | BP-VPB135-GW-108 | BP-VPB135-GW-153 | BP-VPB135-GW-198 | BP-VPB135-GW-218 | BP-VPB135-GW-238 | BP-VPB135-GW-258 | BP-VPB135-GW-278 | BP-VPB135-GW-298 | BP-VPB135-GW-318 | BP-VPB135-GW-338 | BP-VPB135-GW-358 |
| SAMPLE DATE | 9/7/2012 | 7/12/2012 | 7/12/2012 | 7/12/2012 | 7/13/2012 | 7/13/2012 | 7/16/2012 | 7/16/2012 | 7/16/2012 | 7/17/2012 | 7/17/2012 | 7/18/2012 | 7/18/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 797 | 62 | 107 | 152 | 197 | 217 | 237 | 257 | 277 | 297 | 317 | 337 | 357 |
| BOTTOM DEPTH (FEET BGS) | 798 | 63 | 108 | 153 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.64 J | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 4.7 | 7.2 | 5.8 J | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 1.9 | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 1,4-DIOXANE | 10 U | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 49.5 UR | 50 UR | 49.5 UR | 50 UR | 50 UR | 50 UR | 50 UR |
| 2-BUTANONE | 2.5 U | 20 J | 2.5 U | 2.5 U | 2.5 UJ | 14 | 12.5 U | 12.5 U | 12.5 U | 12 J | 12.5 U | 12.5 U | 12.5 U |
| 2-HEXANONE | 2.5 U | 3.8 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5.3 | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| ACETONE | 3.9 J | 96 J | 21 | 18 | 29 J | 43 | 35 | 30 | 12.5 U | 41 | 12.5 U | 43 | 34 |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.42 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 8 | 14 | 12 J | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4.95 U | 5 U | 4.95 U | 5 U | 5 U | 5 U | 5 U |
| METHYL ACETATE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |

5/1/2017 3:33:13 PM

| LOCATION | VPB134 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB134-GW-798 | BP-VPB135-GW-63 | BP-VPB135-GW-108 | BP-VPB135-GW-153 | BP-VPB135-GW-198 | BP-VPB135-GW-218 | BP-VPB135-GW-238 | BP-VPB135-GW-258 | BP-VPB135-GW-278 | BP-VPB135-GW-298 | BP-VPB135-GW-318 | BP-VPB135-GW-338 | BP-VPB135-GW-358 |
| SAMPLE DATE | 9/7/2012 | 7/12/2012 | 7/12/2012 | 7/12/2012 | 7/13/2012 | 7/13/2012 | 7/16/2012 | 7/16/2012 | 7/16/2012 | 7/17/2012 | 7/17/2012 | 7/18/2012 | 7/18/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 797 | 62 | 107 | 152 | 197 | 217 | 237 | 257 | 277 | 297 | 317 | 337 | 357 |
| BOTTOM DEPTH (FEET BGS) | 798 | 63 | 108 | 153 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 5.2 | 6.1 | 3.5 J | 0.51 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 9.9 | 14 | 4000 J | 140 | 2.5 U | 4.2 J | 16 | 35 | 2.5 U | 2.5 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB135-GW-378 | BP-VPB135-GW-398 | BP-VPB135-GW-418 | BP-VPB135-GW-438 | BP-VPB135-GW-458 | BP-VPB135-GW-478 | BP-VPB135-GW-518 | BP-VPB135-GW-538 | BP-VPB135-GW-558 | BP-VPB135-GW-578 | BP-VPB135-GW-598 | BP-VPB135-GW-618 | BP-VPB135-GW-638 |
| SAMPLE DATE | 7/18/2012 | 7/19/2012 | 7/20/2012 | 7/20/2012 | 7/23/2012 | 7/23/2012 | 7/24/2012 | 7/24/2012 | 7/25/2012 | 7/25/2012 | 7/26/2012 | 7/26/2012 | 7/26/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 377 | 397 | 417 | 437 | 457 | 477 | 517 | 537 | 557 | 577 | 597 | 617 | 637 |
| BOTTOM DEPTH (FEET BGS) | 378 | 398 | 418 | 438 | 458 | 478 | 518 | 538 | 558 | 578 | 598 | 618 | 638 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 UJ | 12 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 12.5 UJ | 2.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,1-DICHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 1.4 | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,1-DICHLOROETHENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2,4-TRICHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2-DIBROMOETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2-DICHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| 1,4-DIOXANE | 49.5 UR | 50 UR | 50 UR | 250 UR | 50 UR | 10 UR | 240 UR | 240 UR | 50 UR | 50 UR | 50 UR | 250 UR | 50 UR |
| 2-BUTANONE | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 2.5 U | 60 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U |
| 2-HEXANONE | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 2.5 U | 60 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U |
| 4-METHYL-2-PENTANONE | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 2.5 U | 60 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U |
| ACETONE | 18 J | 12.5 U | 24 J | 60 U | 12.5 U | 16 | 60 U | 60 U | 64 | 12.5 U | 12.5 U | 60 U | 12.5 U |
| BENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| BROMOCHLOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 UJ | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| BROMODICHLOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| BROMOFORM | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| BROMOMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CARBON DISULFIDE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CARBON TETRACHLORIDE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 UJ | 2.5 U | 12.5 U | 2.5 U |
| CHLOROBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CHLOROETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 UJ | 12 U | 12 U | 4.8 J | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CHLOROFORM | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CHLOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| CYCLOHEXANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 UJ | 2.5 U | 12.5 U | 2.5 U |
| DIBROMOCHLOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| ETHYLBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.4 J | 2.5 U | 12.5 U | 2.5 U |
| ISOPROPYLBENZENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| M- AND P-XYLENE | 4.95 U | 5 U | 5 U | 25 U | 5 U | 1 U | 24 U | 24 U | 5 U | 5 U | 5 U | 25 U | 5 U |
| METHYL ACETATE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| METHYL CYCLOHEXANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |

| LOCATION | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB135-GW-378 | BP-VPB135-GW-398 | BP-VPB135-GW-418 | BP-VPB135-GW-438 | BP-VPB135-GW-458 | BP-VPB135-GW-478 | BP-VPB135-GW-518 | BP-VPB135-GW-538 | BP-VPB135-GW-558 | BP-VPB135-GW-578 | BP-VPB135-GW-598 | BP-VPB135-GW-618 | BP-VPB135-GW-638 |
| SAMPLE DATE | 7/18/2012 | 7/19/2012 | 7/20/2012 | 7/20/2012 | 7/23/2012 | 7/23/2012 | 7/24/2012 | 7/24/2012 | 7/25/2012 | 7/25/2012 | 7/26/2012 | 7/26/2012 | 7/26/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 377 | 397 | 417 | 437 | 457 | 477 | 517 | 537 | 557 | 577 | 597 | 617 | 637 |
| BOTTOM DEPTH (FEET BGS) | 378 | 398 | 418 | 438 | 458 | 478 | 518 | 538 | 558 | 578 | 598 | 618 | 638 |
| METHYL TERT-BUTYL ETHER | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.7 J | 16 J | 2.5 J | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| O-XYLENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| STYRENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TETRACHLOROETHENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TOLUENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TRICHLOROETHENE | 2.5 U | 2.5 U | 1.5 J | 12.5 U | 2.5 U | 3.1 | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 3.4 | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| VINYL CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 0.5 U | 12 U | 12 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB135-GW-658 | BP-VPB135-GW-678 | BP-VPB135-GW-698 | BP-VPB135-GW-784 | BP-VPB135-GW-814 | BP-VPB135-GW-824 | BP-VPB136-GW-061 | BP-VPB136-GW-101 | BP-VPB136-GW-161 | BP-VPB136-GW-221 | BP-VPB136-GW-241 | BP-VPB136-GW-261 | BP-VPB136-GW-561 |
| SAMPLE DATE | 7/26/2012 | 7/27/2012 | 7/27/2012 | 8/1/2012 | 8/1/2012 | 8/1/2012 | 7/10/2012 | 7/11/2012 | 7/11/2012 | 7/11/2012 | 7/12/2012 | 7/12/2012 | 7/20/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 657 | 677 | 697 | 783 | 813 | 823 | 60 | 100 | 160 | 220 | 240 | 260 | 260 |
| BOTTOM DEPTH (FEET BGS) | 658 | 678 | 698 | 784 | 814 | 824 | 61 | 101 | 161 | 221 | 241 | 261 | 561 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2.5 UJ | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,1,2-TRICHLOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,1-DICHLOROETHENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2,3-TRICHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2,4-TRICHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 UJ | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2-DIBROMOETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,3-DICHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,4-DICHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| 1,4-DIOXANE | 50 UR | 49.5 UR | 50 UR | 49.5 UR | 50 UR | 50 UR | 49.5 UR | 10 UR | 10 UR | 10 UR | 49 UR | 10 UR | 50 UR |
| 2-BUTANONE | 12.5 U | 12.5 U | 12.5 U | 11 J | 12.5 U | 6.2 J | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U |
| 2-HEXANONE | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12.5 U | 2.5 UJ | 12.5 U |
| 4-METHYL-2-PENTANONE | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 12.5 U |
| ACETONE | 12.5 U | 12.5 U | 19 J | 54 | 12 J | 19 J | 27 | 23 | 2.5 U | 2.5 U | 24 J | 2.5 U | 12.5 U |
| BENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| BROMOCHLOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| BROMODICHLOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| BROMOFORM | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| BROMOMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CARBON DISULFIDE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CARBON TETRACHLORIDE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CHLOROBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CHLOROETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CHLOROFORM | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CHLOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CIS-1,2-DICHLOROETHENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CIS-1,3-DICHLOROPROPENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| CYCLOHEXANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| DIBROMOCHLOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| DICHLORODIFLUOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| ETHYLBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| ISOPROPYLBENZENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| M- AND P-XYLENE | 5 U | 4.95 U | 5 U | 4.95 U | 5 U | 5 U | 4.95 U | 1 U | 1 U | 1 U | 4.9 U | 1 U | 5 U |
| METHYL ACETATE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 UJ | 0.5 U | 0.5 U | 0.5 U | 2.45 UJ | 0.5 U | 2.5 U |
| METHYL CYCLOHEXANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |

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| LOCATION | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB135 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB135-GW-658 | BP-VPB135-GW-678 | BP-VPB135-GW-698 | BP-VPB135-GW-784 | BP-VPB135-GW-814 | BP-VPB135-GW-824 | BP-VPB136-GW-061 | BP-VPB136-GW-101 | BP-VPB136-GW-161 | BP-VPB136-GW-221 | BP-VPB136-GW-241 | BP-VPB136-GW-261 | BP-VPB136-GW-561 |
| SAMPLE DATE | 7/26/2012 | 7/27/2012 | 7/27/2012 | 8/1/2012 | 8/1/2012 | 8/1/2012 | 7/10/2012 | 7/11/2012 | 7/11/2012 | 7/11/2012 | 7/12/2012 | 7/12/2012 | 7/20/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 657 | 677 | 697 | 783 | 813 | 823 | 60 | 100 | 160 | 220 | 240 | 260 | 260 |
| BOTTOM DEPTH (FEET BGS) | 658 | 678 | 698 | 784 | 814 | 824 | 61 | 101 | 161 | 221 | 241 | 261 | 561 |
| METHYL TERT-BUTYL ETHER | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.3 J |
| O-XYLENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| STYRENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| TETRACHLOROETHENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 1.4 J | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| TOLUENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.41 J | 2.45 U | 0.5 U | 2.5 U |
| TRANS-1,2-DICHLOROETHENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| TRICHLOROETHENE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 4.6 | 1.7 J | 2.45 U | 0.5 U | 2.5 U |
| TRICHLOROFLUOROMETHANE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| VINYL CHLORIDE | 2.5 U | 2.45 U | 2.5 U | 2.45 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2.45 U | 0.5 U | 2.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB136-GW-281 | BP-VPB136-GW-301 | BP-VPB136-GW-321 | BP-VPB136-GW-341 | BP-VPB136-GW-361 | BP-VPB136-GW-381 | BP-VPB136-GW-401 | BP-VPB136-GW-421 | BP-VPB136-GW-441 | BP-VPB136-GW-461 | BP-VPB136-GW-481 | BP-VPB136-GW-501 | BP-VPB136-GW-521 |
| SAMPLE DATE | 7/12/2012 | 7/13/2012 | 7/16/2012 | 7/16/2012 | 7/16/2012 | 7/17/2012 | 7/17/2012 | 7/17/2012 | 7/18/2012 | 7/18/2012 | 7/18/2012 | 7/19/2012 | 7/19/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 480 | 500 | 520 |
| BOTTOM DEPTH (FEET BGS) | 281 | 301 | 321 | 341 | 361 | 381 | 401 | 421 | 441 | 461 | 481 | 501 | 521 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.69 J | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| 1,4-DIOXANE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 50 UR | 49.5 UR | 50 UR | 250 UR |
| 2-BUTANONE | 2.5 U | 2.5 UJ | 9.4 | 2.5 U | 2.5 U | 5.1 | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U |
| ACETONE | 2.5 U | 2.5 UJ | 92 | 2.5 U | 2.5 U | 35 | 4.8 J | 5.6 | 5.7 | 12.5 U | 12.5 U | 12.5 U | 60 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| BROMOMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.56 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.53 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.42 J | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 5 U | 4.95 U | 5 U | 25 U |
| METHYL ACETATE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |

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| LOCATION | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB136-GW-281 | BP-VPB136-GW-301 | BP-VPB136-GW-321 | BP-VPB136-GW-341 | BP-VPB136-GW-361 | BP-VPB136-GW-381 | BP-VPB136-GW-401 | BP-VPB136-GW-421 | BP-VPB136-GW-441 | BP-VPB136-GW-461 | BP-VPB136-GW-481 | BP-VPB136-GW-501 | BP-VPB136-GW-521 |
| SAMPLE DATE | 7/12/2012 | 7/13/2012 | 7/16/2012 | 7/16/2012 | 7/16/2012 | 7/17/2012 | 7/17/2012 | 7/17/2012 | 7/18/2012 | 7/18/2012 | 7/18/2012 | 7/19/2012 | 7/19/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 480 | 500 | 520 |
| BOTTOM DEPTH (FEET BGS) | 281 | 301 | 321 | 341 | 361 | 381 | 401 | 421 | 441 | 461 | 481 | 501 | 521 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.2 | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TRICHLOROETHENE | 0.5 U | 1.3 J | 0.5 U | 0.5 U | 0.53 J | 0.77 J | 1 | 1.8 | 15 | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.8 | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 U | 2.45 U | 2.5 U | 12.5 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB136-GW-541 | BP-VPB136-GW-581 | BP-VPB136-GW-601 | BP-VPB136-GW-621 | BP-VPB136-GW-641 | BP-VPB136-GW-661 | BP-VPB136-GW-681 | BP-VPB136-GW-701 | BP-VPB136-GW-741 | BP-VPB136-GW-802 | VPB137-GW-111512-58-60 | VPB137-GW-111512-98-100 | VPB137-GW-111512-158-160 |
| SAMPLE DATE | 7/19/2012 | 7/23/2012 | 7/23/2012 | 7/23/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/25/2012 | 7/27/2012 | 11/15/2012 | 11/15/2012 | 11/15/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 540 | 580 | 600 | 620 | 640 | 660 | 680 | 700 | 740 | 801 | 58 | 98 | 158 |
| BOTTOM DEPTH (FEET BGS) | 541 | 581 | 601 | 621 | 641 | 661 | 681 | 701 | 741 | 802 | 60 | 100 | 160 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1.7 | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 1.1 | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| 1,4-DIOXANE | 10 UR | 10 UR | 50 UR | 50 UR | 250 UR | 50 UR | 50 UR | 50 UR | 50 UR | 240 UR | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U | -- | -- | -- |
| 2-HEXANONE | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 12.5 U | 12.5 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 60 U | -- | -- | -- |
| ACETONE | 4.1 J | 9 | 12.5 U | 12.5 U | 60 U | 12.5 U | 12.5 U | 12.5 U | 12.5 U | 78 J | -- | -- | -- |
| BENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| BROMOCHLOROMETHANE | 0.5 U | 0.5 UJ | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| BROMOFORM | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| BROMOMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 0.5 U | 0.5 UJ | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| CHLOROFORM | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 0.71 J | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| CYCLOHEXANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| ETHYLBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| M- AND P-XYLENE | 1 U | 1 U | 5 U | 5 U | 25 U | 5 U | 5 U | 5 U | 5 U | 24 U | -- | -- | -- |
| METHYL ACETATE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |

| LOCATION | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB136 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | BP-VPB136-GW-541 | BP-VPB136-GW-581 | BP-VPB136-GW-601 | BP-VPB136-GW-621 | BP-VPB136-GW-641 | BP-VPB136-GW-661 | BP-VPB136-GW-681 | BP-VPB136-GW-701 | BP-VPB136-GW-741 | BP-VPB136-GW-802 | VPB137-GW-111512-58-60 | VPB137-GW-111512-98-100 | VPB137-GW-111512-158-160 |
| SAMPLE DATE | 7/19/2012 | 7/23/2012 | 7/23/2012 | 7/23/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/25/2012 | 7/27/2012 | 11/15/2012 | 11/15/2012 | 11/15/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 540 | 580 | 600 | 620 | 640 | 660 | 680 | 700 | 740 | 801 | 58 | 98 | 158 |
| BOTTOM DEPTH (FEET BGS) | 541 | 581 | 601 | 621 | 641 | 661 | 681 | 701 | 741 | 802 | 60 | 100 | 160 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| METHYLENE CHLORIDE | 0.5 U | 0.5 U | 1.9 J | 2.6 J | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| O-XYLENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| STYRENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| TETRACHLOROETHENE | 16 | 1.5 | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| TRICHLOROETHENE | 13 | 2.6 | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | 0.5 U | 0.5 U | 0.9 J |
| TRICHLOROFLUOROMETHANE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| VINYL CHLORIDE | 0.5 U | 0.5 U | 2.5 U | 2.5 U | 12.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 U | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-111612-198-200 | VPB137-GW-111612-218-220 | VPB137-GW-111912-238-240 | VPB137-GW-111912-258-260 | VPB137-GW-112012-318-320 | VPB137-GW-112012-328-330 | VPB137-GW-112112-358-360 | VPB137-GW-112612-388-390 | VPB137-GW-112612-398-400 | VPB137-GW-112612-FD | VPB137-GW-112712-418-420 | VPB137-GW-112712-438-440 | VPB137-GW-112812-468-470 |
| SAMPLE DATE | 11/16/2012 | 11/16/2012 | 11/19/2012 | 11/19/2012 | 11/20/2012 | 11/20/2012 | 11/21/2012 | 11/26/2012 | 11/26/2012 | 11/26/2012 | 11/27/2012 | 11/27/2012 | 11/28/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 318 | 328 | 358 | 388 | 398 | 398 | 418 | 438 | 468 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 320 | 330 | 360 | 390 | 400 | 400 | 420 | 440 | 470 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.49 J | 0.5 U | 0.89 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.3 J | 0.5 U | 0.32 J |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-111612-198-200 | VPB137-GW-111612-218-220 | VPB137-GW-111912-238-240 | VPB137-GW-111912-258-260 | VPB137-GW-112012-318-320 | VPB137-GW-112012-328-330 | VPB137-GW-112112-358-360 | VPB137-GW-112612-388-390 | VPB137-GW-112612-398-400 | VPB137-GW-112612-FD | VPB137-GW-112712-418-420 | VPB137-GW-112712-438-440 | VPB137-GW-112812-468-470 |
| SAMPLE DATE | 11/16/2012 | 11/16/2012 | 11/19/2012 | 11/19/2012 | 11/20/2012 | 11/20/2012 | 11/21/2012 | 11/26/2012 | 11/26/2012 | 11/26/2012 | 11/27/2012 | 11/27/2012 | 11/28/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 318 | 328 | 358 | 388 | 398 | 398 | 418 | 438 | 468 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 320 | 330 | 360 | 390 | 400 | 400 | 420 | 440 | 470 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.76 J | 1.5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 | 2.2 | 0.5 U | 1.4 | 1.4 |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 0.5 U | 0.54 J | 3.9 | 3.6 | 4.5 | 0.45 J | 0.94 J | 3.2 | 15 | 16 | 11 | 13 | 21 |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-112812-478-480 | VPB137-GW-112912-498-500 | VPB137-GW-112912-520-522 | VPB137-GW-112812-538-540 | VPB137-GW-113012-558-560 | VPB137-GW-113012-580-582 | VPB137-GW-12312-598-600 | VPB137-GW-12412-648-650 | VPB137-GW-12512-668-670 | VPB137-GW-12612-693-695 | VPB137-GW-12612-698-700 | VPB137-GW-12612-718-720 | VPB137-GW-12712-738-740 |
| SAMPLE DATE | 11/28/2012 | 11/29/2012 | 11/29/2012 | 11/28/2012 | 11/30/2012 | 11/30/2012 | 12/3/2012 | 12/4/2012 | 12/5/2012 | 12/6/2012 | 12/6/2012 | 12/6/2012 | 12/7/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 478 | 498 | 520 | 538 | 558 | 580 | 598 | 648 | 668 | 693 | 698 | 718 | 738 |
| BOTTOM DEPTH (FEET BGS) | 480 | 500 | 522 | 540 | 560 | 582 | 600 | 650 | 670 | 695 | 700 | 720 | 740 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.35 J | 0.5 U | 0.2 J | 0.68 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1.2 | 0.5 U | 0.5 U | 6 | 17 | 4.8 | 18 | 1.8 | 7.4 J | 1.3 J | 0.5 U | 1 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.66 J | 0.5 U | 0.95 J | 0.5 U | 0.99 J | 0.34 J | 0.5 U | 1 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.43 J | 0.5 U | 1.2 | 0.5 U | 1.1 J | 0.46 J | 0.5 U | 1 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.63 J | 2.7 | 1.1 | 8 | 0.36 J | 1.3 J | 0.5 U | 0.5 U | 1 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.8 J | 3.2 | 0.42 J | 0.63 J | 0.26 J | 0.86 J | 0.5 U | 0.5 U | 1 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 | 0.46 J | 0.84 J | 0.4 J | 1.8 J | 0.76 J | 0.5 U | 1 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 0.32 J | 0.5 U | 0.5 U | 1.5 | 3 | 1.2 | 3 | 0.49 J | 2.6 J | 0.73 J | 0.5 U | 1 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 | VPB137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-112812-478-480 | VPB137-GW-112912-498-500 | VPB137-GW-112912-520-522 | VPB137-GW-112812-538-540 | VPB137-GW-113012-558-560 | VPB137-GW-113012-580-582 | VPB137-GW-12312-598-600 | VPB137-GW-12412-648-650 | VPB137-GW-12512-668-670 | VPB137-GW-12612-693-695 | VPB137-GW-12612-698-700 | VPB137-GW-12612-718-720 | VPB137-GW-12712-738-740 |
| SAMPLE DATE | 11/28/2012 | 11/29/2012 | 11/29/2012 | 11/28/2012 | 11/30/2012 | 11/30/2012 | 12/3/2012 | 12/4/2012 | 12/5/2012 | 12/6/2012 | 12/6/2012 | 12/6/2012 | 12/7/2012 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 478 | 498 | 520 | 538 | 558 | 580 | 598 | 648 | 668 | 693 | 698 | 718 | 738 |
| BOTTOM DEPTH (FEET BGS) | 480 | 500 | 522 | 540 | 560 | 582 | 600 | 650 | 670 | 695 | 700 | 720 | 740 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 2.5 | 2.8 | 1.4 | 2.4 | 1.4 | 2 | 5.8 | 0.51 J | 4.3 J | 0.47 J | 0.5 U | 1 U | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 27 | 12 | 22 | 330 | 1100 | 520 | 1700 | 280 | 1800 | 400 | 11 | 0.57 J | 1.6 |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB137 | VPB137 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-121012-763-765 | VPB137-GW-121112-838-840 | VPB138-GW-031813-58-60 | VPB138-GW-031913-123-125 | VPB138-GW-031913-158-160 | VPB138-GW-032013-208-210 | VPB138-GW-032113-238-240 | VPB138-GW-032113-258-260 | VPB138-GW-032113-278-280 | VPB138-GW-032313-298-300 | VPB138-GW-032513-338-340 | VPB138-GW-D-032513 | VPB138-GW-032513-358-360 |
| SAMPLE DATE | 12/10/2012 | 12/11/2012 | 3/18/2013 | 3/19/2013 | 3/19/2013 | 3/20/2013 | 3/21/2013 | 3/21/2013 | 3/21/2013 | 3/23/2013 | 3/25/2013 | 3/25/2013 | 3/25/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 763 | 838 | 58 | 123 | 158 | 208 | 238 | 258 | 278 | 298 | 338 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 765 | 840 | 60 | 125 | 160 | 210 | 240 | 260 | 280 | 300 | 340 | 340 | 360 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.3 J | 1.4 J | 2 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,1-DICHLOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| CHLOROBENZENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.42 J | 0.37 J | 2 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB137 | VPB137 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB137-GW-121012-763-765 | VPB137-GW-121112-838-840 | VPB138-GW-031813-58-60 | VPB138-GW-031913-123-125 | VPB138-GW-031913-158-160 | VPB138-GW-032013-208-210 | VPB138-GW-032113-238-240 | VPB138-GW-032113-258-260 | VPB138-GW-032113-278-280 | VPB138-GW-032313-298-300 | VPB138-GW-032513-338-340 | VPB138-GW-D-032513 | VPB138-GW-032513-358-360 |
| SAMPLE DATE | 12/10/2012 | 12/11/2012 | 3/18/2013 | 3/19/2013 | 3/19/2013 | 3/20/2013 | 3/21/2013 | 3/21/2013 | 3/21/2013 | 3/23/2013 | 3/25/2013 | 3/25/2013 | 3/25/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 763 | 838 | 58 | 123 | 158 | 208 | 238 | 258 | 278 | 298 | 338 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 765 | 840 | 60 | 125 | 160 | 210 | 240 | 260 | 280 | 300 | 340 | 340 | 360 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 | 0.5 U | 1.1 J | 3.3 J | 3.4 J | 2 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.32 J | 0.5 U | 6.8 | 0.5 U | 1.6 J | 32 J | 32 J | 3.6 J |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB138-GW-032513-378-380 | VPB138-GW-032613-398-400 | VPB138-GW-032613-418-420 | VPB138-GW-032613-438-440 | VPB138-GW-032713-458-460 | VPB138-GW-032713-478-480 | VPB138-GW-032713-503-505 | VPB138-GW-032813-518-520 | VPB138-GW-032813-558-560 | VPB138-GW-032913-578-580 | VPB138-GW-032913-598-600 | VPB138-GW-040113-618-620 | VPB138-GW-040113-643-645 |
| SAMPLE DATE | 3/25/2013 | 3/26/2013 | 3/26/2013 | 3/26/2013 | 3/27/2013 | 3/27/2013 | 3/27/2013 | 3/28/2013 | 3/28/2013 | 3/29/2013 | 3/29/2013 | 4/1/2013 | 4/1/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 398 | 418 | 438 | 458 | 478 | 503 | 518 | 558 | 578 | 598 | 618 | 643 |
| BOTTOM DEPTH (FEET BGS) | 380 | 400 | 420 | 440 | 460 | 480 | 505 | 520 | 560 | 580 | 600 | 620 | 645 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 1 J | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.41 J | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 8.6 J | 7.5 J | 2.5 U | 3.7 J | 0.5 U | 2.5 U | 2.4 | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.66 J | 0.74 J | 2.5 U | 0.92 J | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 2.1 J | 1.8 J | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.55 J | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1.6 J | 1.6 J | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.65 J | 0.43 J | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1.4 J | 1.1 J | 2.5 U | 0.35 J | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| LOCATION | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB138-GW-032513-378-380 | VPB138-GW-032613-398-400 | VPB138-GW-032613-418-420 | VPB138-GW-032613-438-440 | VPB138-GW-032713-458-460 | VPB138-GW-032713-478-480 | VPB138-GW-032713-503-505 | VPB138-GW-032813-518-520 | VPB138-GW-032813-558-560 | VPB138-GW-032913-578-580 | VPB138-GW-032913-598-600 | VPB138-GW-040113-618-620 | VPB138-GW-040113-643-645 |
| SAMPLE DATE | 3/25/2013 | 3/26/2013 | 3/26/2013 | 3/26/2013 | 3/27/2013 | 3/27/2013 | 3/27/2013 | 3/28/2013 | 3/28/2013 | 3/29/2013 | 3/29/2013 | 4/1/2013 | 4/1/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 398 | 418 | 438 | 458 | 478 | 503 | 518 | 558 | 578 | 598 | 618 | 643 |
| BOTTOM DEPTH (FEET BGS) | 380 | 400 | 420 | 440 | 460 | 480 | 505 | 520 | 560 | 580 | 600 | 620 | 645 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 0.5 U | 0.73 J | 2.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 2.5 U | 0.5 U | 0.5 U | 0.5 U | 2 U | 2 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 78 J | 90 J | 4.5 J | 0.68 J | 1.3 | 2.5 U | 3.7 | 1.1 J | 0.54 J | 2 U | 2 U | 0.4 J | 0.5 U |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB138-GW-040213-658-660 | VPB138-GW-040413-683-685 | VPB138-GW-040413-698-700 | VPB138-GW-040513-708-710 | VPB138-GW-040513-713-715 | VPB138-GW-040813-718.5- | VPB138-GW-040913-738.5- | VPB138-GW-040913-768.5- | VPB138-GW-041013-783.5- | VPB138-GW-041013-798.5- | VPB138-GW-041113-823.5- | VPB138-GW-041113-848.5- | VPB138-GW-041213-858-860 |
| SAMPLE DATE | 4/2/2013 | 4/4/2013 | 4/4/2013 | 4/5/2013 | 4/5/2013 | 4/8/2013 | 4/9/2013 | 4/9/2013 | 4/10/2013 | 4/10/2013 | 4/11/2013 | 4/11/2013 | 4/12/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 658 | 683 | 698 | 708 | 713 | 718.5 | 738.5 | 768.5 | 783.5 | 798.5 | 823.5 | 848.5 | 858 |
| BOTTOM DEPTH (FEET BGS) | 660 | 685 | 700 | 710 | 715 | 720.5 | 740.5 | 770.5 | 785.5 | 800.5 | 825.5 | 850.5 | 860 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 2 U | 0.5 U | 5 U | 2 UJ | 2 UJ | 5 UJ | 5 UJ | 5 UJ | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 | VPB138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB138-GW-040213-658-660 | VPB138-GW-040413-683-685 | VPB138-GW-040413-698-700 | VPB138-GW-040513-708-710 | VPB138-GW-040513-713-715 | VPB138-GW-040813-718.5- | VPB138-GW-040913-738.5- | VPB138-GW-040913-768.5- | VPB138-GW-041013-783.5- | VPB138-GW-041013-798.5- | VPB138-GW-041113-823.5- | VPB138-GW-041113-848.5- | VPB138-GW-041213-858-860 |
| SAMPLE DATE | 4/2/2013 | 4/4/2013 | 4/4/2013 | 4/5/2013 | 4/5/2013 | 4/8/2013 | 4/9/2013 | 4/9/2013 | 4/10/2013 | 4/10/2013 | 4/11/2013 | 4/11/2013 | 4/12/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 658 | 683 | 698 | 708 | 713 | 718.5 | 738.5 | 768.5 | 783.5 | 798.5 | 823.5 | 848.5 | 858 |
| BOTTOM DEPTH (FEET BGS) | 660 | 685 | 700 | 710 | 715 | 720.5 | 740.5 | 770.5 | 785.5 | 800.5 | 825.5 | 850.5 | 860 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 2 U | 0.5 U | 5 U | 2 U | 2 U | 5 U | 5 U | 5 U | 2.5 U | 2 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-070813-58-60 | VPB139-GW-070813-98-100 | VPB139-GW-070913-148-150 | VPB139-GW-070913-198-200 | VPB139-GW-070913-238-240 | VPB139-GW-071013-258-260 | VPB139-GW-071013-278-280 | VPB139-GW-071013-298-300 | VPB139-GW-071113-318-320 | VPB139-GW-071113-338-340 | VPB139-GW-071113-358-360 | VPB139-GW-071213-388-390 | VPB139-GW-071513-408-410 |
| SAMPLE DATE | 7/8/2013 | 7/8/2013 | 7/9/2013 | 7/9/2013 | 7/9/2013 | 7/10/2013 | 7/10/2013 | 7/10/2013 | 7/11/2013 | 7/11/2013 | 7/11/2013 | 7/12/2013 | 7/15/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 388 | 408 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 390 | 410 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.22 J | 0.5 U | 0.32 J |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 4.7 J | 4.5 J | 0.89 J | 5.7 J | 5.4 | 7 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.39 J | 0.5 U | 0.26 J | 0.22 J | 0.29 J |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.69 J | 0.35 J | 0.5 U | 0.64 J | 0.77 J | 1.1 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.86 J | 0.5 U | 0.46 J | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 0.3 J | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 1.3 J | 0.39 J | 0.68 J | 1.4 J | 1.6 | 1 J |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-070813-58-60 | VPB139-GW-070813-98-100 | VPB139-GW-070913-148-150 | VPB139-GW-070913-198-200 | VPB139-GW-070913-238-240 | VPB139-GW-071013-258-260 | VPB139-GW-071013-278-280 | VPB139-GW-071013-298-300 | VPB139-GW-071113-318-320 | VPB139-GW-071113-338-340 | VPB139-GW-071113-358-360 | VPB139-GW-071213-388-390 | VPB139-GW-071513-408-410 |
| SAMPLE DATE | 7/8/2013 | 7/8/2013 | 7/9/2013 | 7/9/2013 | 7/9/2013 | 7/10/2013 | 7/10/2013 | 7/10/2013 | 7/11/2013 | 7/11/2013 | 7/11/2013 | 7/12/2013 | 7/15/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 388 | 408 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 390 | 410 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 0.42 J | 0.5 U | 0.5 U | 3 J | 1 U | 1.7 J | 0.5 U | 4.6 J | 0.5 U | 3.4 J | 0.5 U | 1.3 | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 85 J | 7.4 | 1.2 J | 6.5 J | 1 U | 8.1 J | 0.5 U | 97 J | 0.5 U | 50 J | 82 J | 190 | 21 J |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-071513-418-420 | VPB139-GW-071513-438-440 | VPB139-GW-071713-508-510 | VPB139-GW-071713-538-540 | VPB139-GW-071813-568-570 | VPB139-GWD-071813-568-570 | VPB139-GW-071913-583-585 | VPB139-GW-071913-598-600 | VPB139-GW-072213-618-620 | VPB139-GW-072213-643-645 | VPB139-GW-072313-658-660 | VPB139-GW-072313-683-685 | VPB139-GW-072313-693-695 |
| SAMPLE DATE | 7/15/2013 | 7/15/2013 | 7/17/2013 | 7/17/2013 | 7/18/2013 | 7/18/2013 | 7/19/2013 | 7/19/2013 | 7/22/2013 | 7/22/2013 | 7/23/2013 | 7/23/2013 | 7/23/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 508 | 538 | 568 | 568 | 583 | 598 | 618 | 643 | 658 | 684 | 693 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 510 | 540 | 570 | 570 | 585 | 600 | 620 | 645 | 660 | 685 | 695 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.42 J | 0.43 J | 0.66 J | 0.73 J | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5.1 J | 0.5 U | 5.6 J | 7 | 13 | 12 | 1 U | 2 U | 5 U | 2.3 | 10 U | 5 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| 1,1-DICHLOROETHANE | 0.35 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| 1,1-DICHLOROETHENE | 1.2 J | 0.5 U | 0.96 J | 1.1 | 2 | 2 | 1 U | 2 U | 5 U | 0.92 J | 10 U | 5 U | 1 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.79 J | 10 U | 5 U | 1 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.34 J | 0.53 J | 0.51 J | 1 U | 2 U | 5 U | 0.59 J | 10 U | 5 U | 1 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1.2 J | 0.5 U | 0.92 J | 1.4 | 0.96 J | 0.87 J | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-071513-418-420 | VPB139-GW-071513-438-440 | VPB139-GW-071713-508-510 | VPB139-GW-071713-538-540 | VPB139-GW-071813-568-570 | VPB139-GWD-071813-568-570 | VPB139-GW-071913-583-585 | VPB139-GW-071913-598-600 | VPB139-GW-072213-618-620 | VPB139-GW-072213-643-645 | VPB139-GW-072313-658-660 | VPB139-GW-072313-683-685 | VPB139-GW-072313-693-695 |
| SAMPLE DATE | 7/15/2013 | 7/15/2013 | 7/17/2013 | 7/17/2013 | 7/18/2013 | 7/18/2013 | 7/19/2013 | 7/19/2013 | 7/22/2013 | 7/22/2013 | 7/23/2013 | 7/23/2013 | 7/23/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 508 | 538 | 568 | 568 | 583 | 598 | 618 | 643 | 658 | 684 | 693 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 510 | 540 | 570 | 570 | 585 | 600 | 620 | 645 | 660 | 685 | 695 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 2 U | 5 U | 0.5 U | 10 U | 5 U | 1 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 16 J | 0.53 J | 13 J | 52 | 18 | 17 | 1 U | 1.7 J | 5 U | 0.39 J | 10 U | 5 U | 3 |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-072413-698-700 | VPB139-GW-072513-718-720 | VPB139-GW-072513-738-740 | VPB139-GW-072613-758-760 | VPB139-GW-072613-768-770 | VPB139-GW-072913-798-800 | VPB139-GW-073013-823-825 | VPB139-GW-073013-838-840 | VPB139-GW-073113-858-860 | VPB139-GW-073113-878-880 | VPB139-GW-080113-928-930 | VPB139-GW-080213-938-940 | VPB140-GW-041414-58-60 |
| SAMPLE DATE | 7/24/2013 | 7/25/2013 | 7/25/2013 | 7/26/2013 | 7/26/2013 | 7/29/2013 | 7/30/2013 | 7/30/2013 | 7/31/2013 | 7/31/2013 | 8/1/2013 | 8/2/2013 | 4/14/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 758 | 768 | 798 | 823 | 838 | 858 | 878 | 928 | 938 | 58 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 760 | 770 | 800 | 825 | 840 | 860 | 880 | 930 | 940 | 60 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.43 J | 2.5 U | 0.65 J | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 2.5 U | 0.5 U | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4.2 | 2.5 U | 0.5 U | 2 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 2.5 U | 1 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.88 J | 2.5 U | 1.2 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,1-DICHLOROETHENE | 1.6 | 2.5 U | 3.6 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.75 UJ |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 2.5 U | 0.5 U | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.6 J |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.8 J |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| CARBON TETRACHLORIDE | 1.6 | 2.5 U | 3.5 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 2.5 U | 0.5 U | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 UJ |
| CHLOROFORM | 0.76 J | 2.5 U | 2.1 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.61 J | 2.5 U | 2.5 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 UJ |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.75 U |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |

| LOCATION | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB139 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB139-GW-072413-698-700 | VPB139-GW-072513-718-720 | VPB139-GW-072513-738-740 | VPB139-GW-072613-758-760 | VPB139-GW-072613-768-770 | VPB139-GW-072913-798-800 | VPB139-GW-073013-823-825 | VPB139-GW-073013-838-840 | VPB139-GW-073113-858-860 | VPB139-GW-073113-878-880 | VPB139-GW-080113-928-930 | VPB139-GW-080213-938-940 | VPB140-GW-041414-58-60 |
| SAMPLE DATE | 7/24/2013 | 7/25/2013 | 7/25/2013 | 7/26/2013 | 7/26/2013 | 7/29/2013 | 7/30/2013 | 7/30/2013 | 7/31/2013 | 7/31/2013 | 8/1/2013 | 8/2/2013 | 4/14/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 758 | 768 | 798 | 823 | 838 | 858 | 878 | 928 | 938 | 58 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 760 | 770 | 800 | 825 | 840 | 860 | 880 | 930 | 940 | 60 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 2.5 U | 1.5 | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 2.5 U | 0.5 U | 2 U | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U |
| TRICHLOROETHENE | 82 | 21 J | 1200 | 4.3 | 2.5 U | 2.5 U | 2.5 U | 0.5 U | 10 U | 0.5 U | 0.5 U | 10 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 UJ |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-041414-100-102 | VPB140-GW-041514-150-152 | VPB140-GW-041514-200-202 | VPB140-GWD-041514 | VPB140-GW-041614-220-222 | VPB140-GW-041614-245-247 | VPB140-GW-041714-260-262 | VPB140-GW-041714-280-282 | VPB140-GW-041814-305-307 | VPB140-GW-041814-320-322 | VPB140-GW-042114-340-342 | VPB140-GW-042114-360-362 | VPB140-GW-042114-380-382 |
| SAMPLE DATE | 4/14/2014 | 4/15/2014 | 4/15/2014 | 4/15/2014 | 4/16/2014 | 4/16/2014 | 4/17/2014 | 4/17/2014 | 4/18/2014 | 4/18/2014 | 4/21/2014 | 4/21/2014 | 4/21/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 100 | 150 | 200 | 200 | 220 | 245 | 260 | 280 | 305 | 320 | 340 | 360 | 380 |
| BOTTOM DEPTH (FEET BGS) | 102 | 152 | 202 | 202 | 222 | 247 | 262 | 282 | 307 | 322 | 342 | 362 | 382 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.53 J | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 0.23 J | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ |
| ACETONE | 8.6 J | 17 | 5.2 J | 14 J | 5.8 | 8.4 J | 7 | 4.8 J | 5 UJ | 2.5 U | 5 UJ | 5 U | 5 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.37 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.23 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |

| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-041414-100-102 | VPB140-GW-041514-150-152 | VPB140-GW-041514-200-202 | VPB140-GWD-041514 | VPB140-GW-041614-220-222 | VPB140-GW-041614-245-247 | VPB140-GW-041714-260-262 | VPB140-GW-041714-280-282 | VPB140-GW-041814-305-307 | VPB140-GW-041814-320-322 | VPB140-GW-042114-340-342 | VPB140-GW-042114-360-362 | VPB140-GW-042114-380-382 |
| SAMPLE DATE | 4/14/2014 | 4/15/2014 | 4/15/2014 | 4/15/2014 | 4/16/2014 | 4/16/2014 | 4/17/2014 | 4/17/2014 | 4/18/2014 | 4/18/2014 | 4/21/2014 | 4/21/2014 | 4/21/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 100 | 150 | 200 | 200 | 220 | 245 | 260 | 280 | 305 | 320 | 340 | 360 | 380 |
| BOTTOM DEPTH (FEET BGS) | 102 | 152 | 202 | 202 | 222 | 247 | 262 | 282 | 307 | 322 | 342 | 362 | 382 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 J | 0.5 U | 1.2 | 0.5 UJ | 1.1 | 0.41 J | 1.1 | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.28 J | 0.5 U | 0.5 U | 0.5 U | 2.4 | 17 J | 1.2 | 4.3 | 0.4 J | 5.8 | 3.1 J | 8.3 | 0.78 J |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-042214-400-402 | VPB140-GW-042214-420-422 | VPB140-GW-042214-440-442 | VPB140-GW-042214-460-462 | VPB140-GW-042314-485-487 | VPB140-GW-042414-500-502 | VPB140-GW-042414-520-522 | VPB140-GW-042414-540-542 | VPB140-GW-042514-560-562 | VPB140-GW-042514-565-567 | VPB140-GW-042814-585-587 | VPB140-GW-042814-600-602 | VPB140-GW-D-042814 |
| SAMPLE DATE | 4/22/2014 | 4/22/2014 | 4/22/2014 | 4/22/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 | 4/25/2014 | 4/28/2014 | 4/28/2014 | 4/28/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 400 | 420 | 440 | 460 | 485 | 500 | 520 | 540 | 560 | 565 | 585 | 600 | 600 |
| BOTTOM DEPTH (FEET BGS) | 402 | 422 | 442 | 462 | 487 | 502 | 522 | 542 | 562 | 567 | 587 | 602 | 602 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.7 | 0.7 J | 5.3 | 0.93 J | 23 | 40 J | 16 | 2 UJ | 1 | 29 | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 1 | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 2.4 | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 1.5 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 UJ | 0.48 J | 1 UJ | 1.8 J | 2 UJ | 7.6 | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 3 | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 5 UJ | 2.5 U | 10 UJ | 5 | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 5.8 | 14 J | 8.7 | 11 J | 5.1 | 10 J | 7.9 | 10 UJ | 41 | 6.7 | 4.9 J | 4.8 J | 3.9 J |
| BENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.37 J | 0.33 J | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.39 J | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.48 J | 0.5 UJ | 1.8 | 1 UJ | 7.6 | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 1.5 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |

| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-042214-400-402 | VPB140-GW-042214-420-422 | VPB140-GW-042214-440-442 | VPB140-GW-042214-460-462 | VPB140-GW-042314-485-487 | VPB140-GW-042414-500-502 | VPB140-GW-042414-520-522 | VPB140-GW-042414-540-542 | VPB140-GW-042514-560-562 | VPB140-GW-042514-565-567 | VPB140-GW-042814-585-587 | VPB140-GW-042814-600-602 | VPB140-GW-D-042814 |
| SAMPLE DATE | 4/22/2014 | 4/22/2014 | 4/22/2014 | 4/22/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 | 4/25/2014 | 4/28/2014 | 4/28/2014 | 4/28/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 400 | 420 | 440 | 460 | 485 | 500 | 520 | 540 | 560 | 565 | 585 | 600 | 600 |
| BOTTOM DEPTH (FEET BGS) | 402 | 422 | 442 | 462 | 487 | 502 | 522 | 542 | 562 | 567 | 587 | 602 | 602 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 5 UJ | 2.5 U | 10 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 1.1 | 0.5 UJ | 4.3 | 0.84 J | 18 | 17 J | 49 | 2 UJ | 2.4 | 1 | 0.5 U | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 5.6 | 1.8 J | 26 | 7.3 J | 120 | 19 J | 19 | 2 UJ | 0.56 J | 0.41 J | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 UJ | 1 U | 1 UJ | 0.31 J | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 2 UJ | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 3 UJ | 1.5 U | 6 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-042914-640-642 | VPB140-GW-043014-680-682 | VPB140-GW-043014-700-702 | VPB140-GW-050114-720-722 | VPB140-GW-050214-745-747 | VPB140-GW-050214-760-762 | VPB140-GW-050514-785-787 | VPB140-GW-050514-800-802 | VPB140-GW-050714-840-842 | VPB141-GW-032615-58-60 | VPB141-GW-032715-103-105 | VPB141-GW-033115-148-150 | VPB141-GW-033115-198-200 |
| SAMPLE DATE | 4/29/2014 | 4/30/2014 | 4/30/2014 | 5/1/2014 | 5/2/2014 | 5/2/2014 | 5/5/2014 | 5/5/2014 | 5/7/2014 | 3/26/2015 | 3/27/2015 | 3/31/2015 | 3/31/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 640 | 680 | 700 | 720 | 745 | 760 | 785 | 800 | 840 | 58 | 103 | 148 | 198 |
| BOTTOM DEPTH (FEET BGS) | 642 | 682 | 702 | 722 | 747 | 762 | 787 | 802 | 842 | 60 | 105 | 150 | 200 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1.5 UJ | 0.75 UJ | 15 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 5 UJ | 2.5 UJ | 50 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 3.6 J | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 5 UJ | 2.5 UJ | 50 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 5 UJ | 2.5 UJ | 50 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 25 J | 9.8 J | 50 UJ | 18 J | 5 UJ | 2.5 UJ | 19 UJ | 9.7 UJ | 3.6 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.39 J | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOFORM | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| METHYL ACETATE | 1.5 UJ | 0.75 UJ | 15 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |

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| LOCATION | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB140 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB140-GW-042914-640-642 | VPB140-GW-043014-680-682 | VPB140-GW-043014-700-702 | VPB140-GW-050114-720-722 | VPB140-GW-050214-745-747 | VPB140-GW-050214-760-762 | VPB140-GW-050514-785-787 | VPB140-GW-050514-800-802 | VPB140-GW-050714-840-842 | VPB141-GW-032615-58-60 | VPB141-GW-032715-103-105 | VPB141-GW-033115-148-150 | VPB141-GW-033115-198-200 |
| SAMPLE DATE | 4/29/2014 | 4/30/2014 | 4/30/2014 | 5/1/2014 | 5/2/2014 | 5/2/2014 | 5/5/2014 | 5/5/2014 | 5/7/2014 | 3/26/2015 | 3/27/2015 | 3/31/2015 | 3/31/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 640 | 680 | 700 | 720 | 745 | 760 | 785 | 800 | 840 | 58 | 103 | 148 | 198 |
| BOTTOM DEPTH (FEET BGS) | 642 | 682 | 702 | 722 | 747 | 762 | 787 | 802 | 842 | 60 | 105 | 150 | 200 |
| METHYL TERT-BUTYL ETHER | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 10 UJ | 2.5 UJ | 50 UJ | 20 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U |
| O-XYLENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| STYRENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.79 J | 0.5 UJ | 0.5 UJ |
| TOLUENE | 10 J | 0.5 UJ | 10 UJ | 2 UJ | 0.3 J | 0.5 U | 0.87 J | 10 | 4.6 | 0.86 J | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 1 UJ | 0.5 UJ | 10 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.54 J | 1 J | 1.6 J |
| TRICHLOROFLUOROMETHANE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 2 UJ | 1 UJ | 20 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 3 UJ | 1.5 UJ | 30 UJ | 6 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-D-033115 | VPB141-GW-040115-218-220 | VPB141-GW-040115-238-240 | VPB141-GW-040115-258-260 | VPB141-GW-040215-278-280 | VPB141-GW-040215-298-300 | VPB141-GW-040215-318-320 | VPB141-GW-040315-338-340 | VPB141-GW-040315-363-365 | VPB141-GW-040615-378-380 | VPB141-GW-040615-398-400 | VPB141-GW-040715-423-425 | VPB141-GW-040715-438-440 |
| SAMPLE DATE | 3/31/2015 | 4/1/2015 | 4/1/2015 | 4/1/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/3/2015 | 4/3/2015 | 4/6/2015 | 4/6/2015 | 4/7/2015 | 4/7/2015 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 363 | 378 | 398 | 423 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 365 | 380 | 400 | 425 | 440 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 6.2 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 1.2 | 2.4 | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.85 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.44 J | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1.1 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 UJ | 0.29 J | 0.8 J | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 1.5 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 4.2 J | 18 J | 4.3 J | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 1 UJ |
| CHLOROFORM | 0.46 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 0.61 J |
| CIS-1,2-DICHLOROETHENE | 1.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.29 J | 0.8 J | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |

| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-D-033115 | VPB141-GW-040115-218-220 | VPB141-GW-040115-238-240 | VPB141-GW-040115-258-260 | VPB141-GW-040215-278-280 | VPB141-GW-040215-298-300 | VPB141-GW-040215-318-320 | VPB141-GW-040315-338-340 | VPB141-GW-040315-363-365 | VPB141-GW-040615-378-380 | VPB141-GW-040615-398-400 | VPB141-GW-040715-423-425 | VPB141-GW-040715-438-440 |
| SAMPLE DATE | 3/31/2015 | 4/1/2015 | 4/1/2015 | 4/1/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/3/2015 | 4/3/2015 | 4/6/2015 | 4/6/2015 | 4/7/2015 | 4/7/2015 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 363 | 378 | 398 | 423 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 365 | 380 | 400 | 425 | 440 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 4.8 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 1.9 | 4.3 | 0.69 J | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 180 J | 0.89 J | 0.5 J | 1.4 J | 0.42 J | 0.81 J | 4.1 | 0.48 J | 0.72 J | 31 | 87 | 16 | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 3 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-040715-458-460 | VPB141-GW-040815-478-480 | VPB141-GW-040815-498-500 | VPB141-GW-040915-523-525 | VPB141-GW-040915-543-545 | VPB141-GW-041015-578-580 | VPB141-GW-D-041015 | VPB141-GW-041015-598-600 | VPB141-GW-041315-618-620 | VPB141-GW-041315-638-640 | VPB141-GW-041415-658-660 | VPB141-GW-041415-678-680 | VPB141-GW-041615-698-700 |
| SAMPLE DATE | 4/7/2015 | 4/8/2015 | 4/8/2015 | 4/9/2015 | 4/9/2015 | 4/10/2015 | 4/10/2015 | 4/10/2015 | 4/13/2015 | 4/13/2015 | 4/14/2015 | 4/14/2015 | 4/16/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 498 | 523 | 543 | 578 | 578 | 598 | 618 | 638 | 658 | 678 | 698 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 500 | 525 | 545 | 580 | 580 | 600 | 620 | 640 | 660 | 680 | 700 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 2.4 | 12 | 19 | 17 | 20 UJ | 7.7 | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.36 J | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.36 J | 0.54 J | 0.42 J | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 30 UJ | 0.75 U | 15 UJ | 0.75 UJ | 150 UJ | 15 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 0.26 J | 0.62 J | 2.4 | 5.5 | 4.7 | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 1.7 J | 50 UJ | 2.5 UJ | 500 UJ | 50 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 2.5 U | 50 UJ | 2.5 UJ | 500 UJ | 50 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 100 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 500 UJ | 50 UJ |
| ACETONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 100 UJ | 47 J | 50 UJ | 2.5 UJ | 500 UJ | 50 UJ |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.32 J | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| BROMOMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 40 UJ | 1 UJ | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 U | 0.97 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 20 UJ | 0.5 UJ | 10 UJ | 0.78 J | 100 UJ | 10 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 J | 0.45 J | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| CHLOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.26 J | 0.62 J | 2.4 | 5.5 | 4.7 | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 0.31 J | 0.26 J | 40 UJ | 1 UJ | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 30 UJ | 0.75 U | 15 UJ | 0.75 UJ | 150 UJ | 15 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |

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| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-040715-458-460 | VPB141-GW-040815-478-480 | VPB141-GW-040815-498-500 | VPB141-GW-040915-523-525 | VPB141-GW-040915-543-545 | VPB141-GW-041015-578-580 | VPB141-GW-D-041015 | VPB141-GW-041015-598-600 | VPB141-GW-041315-618-620 | VPB141-GW-041315-638-640 | VPB141-GW-041415-658-660 | VPB141-GW-041415-678-680 | VPB141-GW-041615-698-700 |
| SAMPLE DATE | 4/7/2015 | 4/8/2015 | 4/8/2015 | 4/9/2015 | 4/9/2015 | 4/10/2015 | 4/10/2015 | 4/10/2015 | 4/13/2015 | 4/13/2015 | 4/14/2015 | 4/14/2015 | 4/16/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 498 | 523 | 543 | 578 | 578 | 598 | 618 | 638 | 658 | 678 | 698 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 500 | 525 | 545 | 580 | 580 | 600 | 620 | 640 | 660 | 680 | 700 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 2.5 U | 50 UJ | 2.5 UJ | 500 UJ | 50 UJ |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| TETRACHLOROETHENE | 1.4 J | 0.45 J | 0.43 J | 6.1 | 17 | 24 | 23 | 20 UJ | 3.5 | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 0.5 U | 10 UJ | 0.5 UJ | 100 UJ | 10 UJ |
| TRICHLOROETHENE | 7.5 J | 3.1 | 3.4 | 36 | 170 | 280 | 260 | 32 J | 1.7 | 18 J | 0.33 J | 100 UJ | 10 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 0.32 J | 1 U | 1 U | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 40 UJ | 1 U | 20 UJ | 1 UJ | 200 UJ | 20 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 60 UJ | 1.5 U | 30 UJ | 1.5 UJ | 300 UJ | 30 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-041615-718-720 | VPB141-GW-041715-743-745 | VPB141-GW-041715-758-760 | VPB141-GW-042015-778-780 | VPB141-GW-042115-823-825 | VPB144-GW-120513-58-60 | VPB144-GW-120513-103-105 | VPB144-GW-120613-148-150 | VPB144-GW-120613-198-200 | VPB144-GWD-120613 | VPB144-GW-120913-223-225 | VPB144-GW-120913-238-240 | VPB144-GW-120913-258-260 |
| SAMPLE DATE | 4/16/2015 | 4/17/2015 | 4/17/2015 | 4/20/2015 | 4/21/2015 | 12/5/2013 | 12/5/2013 | 12/6/2013 | 12/6/2013 | 12/6/2013 | 12/9/2013 | 12/9/2013 | 12/9/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 718 | 743 | 758 | 778 | 823 | 58 | 103 | 148 | 198 | 198 | 223 | 238 | 258 |
| BOTTOM DEPTH (FEET BGS) | 720 | 745 | 760 | 780 | 825 | 60 | 105 | 150 | 200 | 200 | 225 | 240 | 260 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1.5 UJ | 1.5 UJ | 6 UJ | 0.75 UJ | 0.75 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 5 UJ | 6.9 J | 20 UJ | 2.8 J | 2.5 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | 5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 2.5 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 2.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | 5 UJ | 28 J | 20 UJ | 12 J | 6.8 J | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 U | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | 1 UJ | 1.1 J | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.24 J | 0.5 U | 0.5 U | 0.5 U | 0.21 J | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 UJ | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 U | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | 1.5 UJ | 1.5 UJ | 6 UJ | 0.75 UJ | 0.75 U | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |

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| LOCATION | VPB141 | VPB141 | VPB141 | VPB141 | VPB141 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB141-GW-041615-718-720 | VPB141-GW-041715-743-745 | VPB141-GW-041715-758-760 | VPB141-GW-042015-778-780 | VPB141-GW-042115-823-825 | VPB144-GW-120513-58-60 | VPB144-GW-120513-103-105 | VPB144-GW-120613-148-150 | VPB144-GW-120613-198-200 | VPB144-GWD-120613 | VPB144-GW-120913-223-225 | VPB144-GW-120913-238-240 | VPB144-GW-120913-258-260 |
| SAMPLE DATE | 4/16/2015 | 4/17/2015 | 4/17/2015 | 4/20/2015 | 4/21/2015 | 12/5/2013 | 12/5/2013 | 12/6/2013 | 12/6/2013 | 12/6/2013 | 12/9/2013 | 12/9/2013 | 12/9/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 718 | 743 | 758 | 778 | 823 | 58 | 103 | 148 | 198 | 198 | 223 | 238 | 258 |
| BOTTOM DEPTH (FEET BGS) | 720 | 745 | 760 | 780 | 825 | 60 | 105 | 150 | 200 | 200 | 225 | 240 | 260 |
| METHYL TERT-BUTYL ETHER | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | 5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 2.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.49 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 1 UJ | 1 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.33 J | 0.5 U | 28 | 5.8 | 5.8 | 0.57 J | 0.85 J | 0.5 U |
| TRICHLOROFLUOROMETHANE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 U | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | 2 UJ | 2 UJ | 8 UJ | 1 UJ | 1 U | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | 3 UJ | 3 UJ | 12 UJ | 1.5 UJ | 1.5 U | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB144-GW-121013-278-280 | VPB144-GW-121113-308-310 | VPB144-GW-121113-318-320 | VPB144-GW-121113-338-340 | VPB144-GW-121213-363-365 | VPB144-GW-121213-378-380 | VPB144-GW-121613-423-425 | VPB144-GW-121613-438-440 | VPB144-GW-121713-458-460 | VPB144-GWD-121713 | VPB144-GW-121713-478-480 | VPB144-GW-121813-498-500 | VPB144-GW-121813-518-520 |
| SAMPLE DATE | 12/10/2013 | 12/11/2013 | 12/11/2013 | 12/11/2013 | 12/12/2013 | 12/12/2013 | 12/16/2013 | 12/16/2013 | 12/17/2013 | 12/17/2013 | 12/17/2013 | 12/18/2013 | 12/18/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 278 | 308 | 318 | 338 | 363 | 378 | 423 | 438 | 458 | 458 | 478 | 498 | 518 |
| BOTTOM DEPTH (FEET BGS) | 280 | 310 | 320 | 340 | 365 | 380 | 425 | 440 | 460 | 460 | 480 | 500 | 520 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 3.2 | 8.5 |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 4.5 | 11 |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.43 J | 6.3 | 16 |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.99 J | 12 | 34 |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.89 J | 2.8 J | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.57 J | 0.4 J | 0.5 U | 0.5 J | 0.5 J | 1.6 | 2.7 | 0.98 J |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 0.22 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.38 J | 0.49 J | 1.8 | 24 | 62 |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| LOCATION | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB144-GW-121013-278-280 | VPB144-GW-121113-308-310 | VPB144-GW-121113-318-320 | VPB144-GW-121113-338-340 | VPB144-GW-121213-363-365 | VPB144-GW-121213-378-380 | VPB144-GW-121613-423-425 | VPB144-GW-121613-438-440 | VPB144-GW-121713-458-460 | VPB144-GWD-121713 | VPB144-GW-121713-478-480 | VPB144-GW-121813-498-500 | VPB144-GW-121813-518-520 |
| SAMPLE DATE | 12/10/2013 | 12/11/2013 | 12/11/2013 | 12/11/2013 | 12/12/2013 | 12/12/2013 | 12/16/2013 | 12/16/2013 | 12/17/2013 | 12/17/2013 | 12/17/2013 | 12/18/2013 | 12/18/2013 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 278 | 308 | 318 | 338 | 363 | 378 | 423 | 438 | 458 | 458 | 478 | 498 | 518 |
| BOTTOM DEPTH (FEET BGS) | 280 | 310 | 320 | 340 | 365 | 380 | 425 | 440 | 460 | 460 | 480 | 500 | 520 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 0.53 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.8 J | 0.92 J | 5.7 | 52 | 420 |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.3 | 0.57 J |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHENE | 50 | 9.9 | 5.2 | 6.7 | 11 | 20 | 7.8 | 1.9 | 150 J | 160 | 1200 | 7600 | 200 |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB144-GW-121913-538-540 | VPB144-GW-122013-568-570 | VPB144-GW-122313-598-600 | VPB144-GW-122613-618-620 | VPB144-GW-122713-643-645 | VPB144-GW-122713-658-660 | VPB144-GW-123013-688-690 | VPB144-GW-123113-698-700 | VPB144-GW-010814-738-740 | VPB144-GW-010914-758-760 | VPB144-GW-011014-798-800 | VPB144-GW-011314-818-820 | VPB144-GW-011314-838-840 |
| SAMPLE DATE | 12/19/2013 | 12/20/2013 | 12/23/2013 | 12/26/2013 | 12/27/2013 | 12/27/2013 | 12/30/2013 | 12/31/2013 | 1/8/2014 | 1/9/2014 | 1/10/2014 | 1/13/2014 | 1/13/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 538 | 568 | 598 | 618 | 643 | 658 | 688 | 698 | 738 | 758 | 798 | 818 | 838 |
| BOTTOM DEPTH (FEET BGS) | 540 | 570 | 600 | 620 | 645 | 660 | 690 | 700 | 740 | 760 | 800 | 820 | 840 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.22 J | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.65 J | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.76 J | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 1.4 | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.75 U | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 UJ | 2.5 U |
| 2-HEXANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 UJ | 2.5 U |
| ACETONE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 UJ | 2.5 U |
| BENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOFORM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| CARBON DISULFIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 3 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| CHLOROFORM | 0.36 J | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | 1.2 | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| ETHYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| METHYL ACETATE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.75 U | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |

| LOCATION | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 | VPB144 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB144-GW-121913-538-540 | VPB144-GW-122013-568-570 | VPB144-GW-122313-598-600 | VPB144-GW-122613-618-620 | VPB144-GW-122713-643-645 | VPB144-GW-122713-658-660 | VPB144-GW-123013-688-690 | VPB144-GW-123113-698-700 | VPB144-GW-010814-738-740 | VPB144-GW-010914-758-760 | VPB144-GW-011014-798-800 | VPB144-GW-011314-818-820 | VPB144-GW-011314-838-840 |
| SAMPLE DATE | 12/19/2013 | 12/20/2013 | 12/23/2013 | 12/26/2013 | 12/27/2013 | 12/27/2013 | 12/30/2013 | 12/31/2013 | 1/8/2014 | 1/9/2014 | 1/10/2014 | 1/13/2014 | 1/13/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 538 | 568 | 598 | 618 | 643 | 658 | 688 | 698 | 738 | 758 | 798 | 818 | 838 |
| BOTTOM DEPTH (FEET BGS) | 540 | 570 | 600 | 620 | 645 | 660 | 690 | 700 | 740 | 760 | 800 | 820 | 840 |
| METHYL TERT-BUTYL ETHER | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 UJ | 2.5 U |
| O-XYLENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| STYRENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 28 | 0.69 J | 1.2 | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TOLUENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 22 | 1.1 | 0.9 J | 0.5 U | 5 UJ | 3 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| VINYL CHLORIDE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 UJ | 1 U |
| XYLENES, TOTAL | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.5 U | 1.5 UJ | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-041014-58-60 | VPB145-GW-041014-98-100 | VPB145-GW-041114-148-150 | VPB145-GW-041114-198-200 | VPB145-GWD-041114 | VPB145-GW-041414-218-220 | VPB145-GW-041414-238-240 | VPB145-GW-041614-258-260 | VPB145-GW-041614-278-280 | VPB145-GW-041614-298-300 | VPB145-GWD-041614 | VPB145-GW-041714-318-320 | VPB145-GW-041714-338-340 |
| SAMPLE DATE | 4/10/2014 | 4/10/2014 | 4/11/2014 | 4/11/2014 | 4/11/2014 | 4/14/2014 | 4/14/2014 | 4/16/2014 | 4/16/2014 | 4/16/2014 | 4/16/2014 | 4/17/2014 | 4/17/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 298 | 318 | 338 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 300 | 320 | 340 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 2.5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.4 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 0.35 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| ACETONE | 9.9 J | 6.7 J | 6.4 J | 5.7 J | 5.1 J | 8.9 J | 6.9 J | 15 J | 7.1 J | 6.2 J | 4.2 J | 27 J | 9.8 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.35 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |

| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-041014-58-60 | VPB145-GW-041014-98-100 | VPB145-GW-041114-148-150 | VPB145-GW-041114-198-200 | VPB145-GWD-041114 | VPB145-GW-041414-218-220 | VPB145-GW-041414-238-240 | VPB145-GW-041614-258-260 | VPB145-GW-041614-278-280 | VPB145-GW-041614-298-300 | VPB145-GWD-041614 | VPB145-GW-041714-318-320 | VPB145-GW-041714-338-340 |
| SAMPLE DATE | 4/10/2014 | 4/10/2014 | 4/11/2014 | 4/11/2014 | 4/11/2014 | 4/14/2014 | 4/14/2014 | 4/16/2014 | 4/16/2014 | 4/16/2014 | 4/16/2014 | 4/17/2014 | 4/17/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 298 | 318 | 338 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 300 | 320 | 340 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.52 J | 0.5 U | 0.88 J | 0.89 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-041714-358-360 | VPB145-GW-041814-378-380 | VPB145-GW-041814-398-400 | VPB145-GW-042114-418-420 | VPB145-GW-042114-433-435 | VPB145-GW-042214-468-470 | VPB145-GW-042214-478-480 | VPB145-GW-042314-493-495 | VPB145-GW-042414-513-515 | VPB145-GW-042414-533-535 | VPB145-GW-042414-553-555 | VPB145-GW-042514-573-575 | VPB145-GW-042814-593-595 |
| SAMPLE DATE | 4/17/2014 | 4/18/2014 | 4/18/2014 | 4/21/2014 | 4/21/2014 | 4/22/2014 | 4/22/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 | 4/28/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 358 | 378 | 398 | 418 | 433 | 468 | 478 | 493 | 513 | 533 | 553 | 573 | 593 |
| BOTTOM DEPTH (FEET BGS) | 360 | 380 | 400 | 420 | 435 | 470 | 480 | 495 | 515 | 535 | 555 | 575 | 595 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 6 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 20 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 20 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 20 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 30 J | 4.7 J | 4.2 J | 2.5 U | 6.6 J | 25 J | 23 J | 14 J | 2.5 U | 3.8 J | 2.5 U | 16 J | 2.5 U |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| CARBON DISULFIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 6 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |

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| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-041714-358-360 | VPB145-GW-041814-378-380 | VPB145-GW-041814-398-400 | VPB145-GW-042114-418-420 | VPB145-GW-042114-433-435 | VPB145-GW-042214-468-470 | VPB145-GW-042214-478-480 | VPB145-GW-042314-493-495 | VPB145-GW-042414-513-515 | VPB145-GW-042414-533-535 | VPB145-GW-042414-553-555 | VPB145-GW-042514-573-575 | VPB145-GW-042814-593-595 |
| SAMPLE DATE | 4/17/2014 | 4/18/2014 | 4/18/2014 | 4/21/2014 | 4/21/2014 | 4/22/2014 | 4/22/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 | 4/28/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 358 | 378 | 398 | 418 | 433 | 468 | 478 | 493 | 513 | 533 | 553 | 573 | 593 |
| BOTTOM DEPTH (FEET BGS) | 360 | 380 | 400 | 420 | 435 | 470 | 480 | 495 | 515 | 535 | 555 | 575 | 595 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 20 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 4 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 12 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-042814-613-615 | VPB145-GW-042814-633-635 | VPB145-GW-043014-663-665 | VPB145-GW-043014-678-680 | VPB145-GW-050114-698-700 | VPB145-GW-050814-823-825 | VPB145-GW-050914-848-850 | VPB145-GW-051214-868-870 | VPB145-GW-051214-888-890 | VPB145-GW-051314-918-920 | VPB145-GW-051314-938-940 | VPB145-GW-051414-958-960 | VPB145-GW-051414-978-980 |
| SAMPLE DATE | 4/28/2014 | 4/28/2014 | 4/30/2014 | 4/30/2014 | 5/1/2014 | 5/8/2014 | 5/9/2014 | 5/12/2014 | 5/12/2014 | 5/13/2014 | 5/13/2014 | 5/14/2014 | 5/14/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 613 | 633 | 663 | 678 | 698 | 823 | 848 | 868 | 888 | 918 | 938 | 958 | 978 |
| BOTTOM DEPTH (FEET BGS) | 615 | 635 | 665 | 680 | 700 | 825 | 850 | 870 | 890 | 920 | 940 | 960 | 980 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 60 UJ | 60 UJ | 0.75 UJ | 15 U | 0.75 U | 0.75 U | 15 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 200 UJ | 200 UJ | 12 J | 50 UJ | 2.5 UJ | 2.5 UJ | 50 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 200 UJ | 200 UJ | 2.5 UJ | 50 U | 2.5 U | 2.5 U | 50 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 200 UJ | 200 UJ | 2.5 UJ | 50 U | 2.5 U | 2.5 U | 50 UJ |
| ACETONE | 2.8 J | 24 | 5.4 J | 12 J | 24 J | 3.7 J | 200 UJ | 200 UJ | 120 J | 79 J | 9.2 J | 7.3 J | 45 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| CARBON DISULFIDE | 0.5 U | 0.56 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 1 U | 10 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 10 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 60 UJ | 60 UJ | 0.75 UJ | 15 U | 0.75 U | 0.75 U | 15 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |

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| LOCATION | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 | VPB145 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB145-GW-042814-613-615 | VPB145-GW-042814-633-635 | VPB145-GW-043014-663-665 | VPB145-GW-043014-678-680 | VPB145-GW-050114-698-700 | VPB145-GW-050814-823-825 | VPB145-GW-050914-848-850 | VPB145-GW-051214-868-870 | VPB145-GW-051214-888-890 | VPB145-GW-051314-918-920 | VPB145-GW-051314-938-940 | VPB145-GW-051414-958-960 | VPB145-GW-051414-978-980 |
| SAMPLE DATE | 4/28/2014 | 4/28/2014 | 4/30/2014 | 4/30/2014 | 5/1/2014 | 5/8/2014 | 5/9/2014 | 5/12/2014 | 5/12/2014 | 5/13/2014 | 5/13/2014 | 5/14/2014 | 5/14/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 613 | 633 | 663 | 678 | 698 | 823 | 848 | 868 | 888 | 918 | 938 | 958 | 978 |
| BOTTOM DEPTH (FEET BGS) | 615 | 635 | 665 | 680 | 700 | 825 | 850 | 870 | 890 | 920 | 940 | 960 | 980 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 200 UJ | 200 UJ | 2.5 UJ | 50 U | 2.5 U | 2.5 U | 50 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 40 UJ | 40 UJ | 0.5 UJ | 10 U | 0.5 U | 0.5 U | 10 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 80 UJ | 80 UJ | 1 UJ | 20 U | 1 U | 1 U | 20 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 120 UJ | 120 UJ | 1.5 UJ | 30 U | 1.5 U | 1.5 U | 30 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-011314-58-60 | VPB146-GW-011314-98-100 | VPB146-GW-011414-148-150 | VPB146-GW-011514-198-200 | VPB146-GW-D-011514 | VPB146-GW-D-011514-218-220 | VPB146-GW-011614-238-240 | VPB146-GW-011614-258-260 | VPB146-GW-011614-278-280 | VPB146-GW-011714-298-300 | VPB146-GW-011714-318-320 | VPB146-GW-012014-338-340 | VPB146-GW-012014-358-360 |
| SAMPLE DATE | 1/13/2014 | 1/13/2014 | 1/14/2014 | 1/15/2014 | 1/15/2014 | 1/15/2014 | 1/16/2014 | 1/16/2014 | 1/16/2014 | 1/17/2014 | 1/17/2014 | 1/20/2014 | 1/20/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.74 J | 0.63 J | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 7.5 UJ | 0.75 U | 0.75 U | 0.75 U | 3 UJ | 3 UJ | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 1 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 0.66 J | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 25 UJ | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 10 UJ | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 25 UJ | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 10 UJ | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 25 UJ | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 10 UJ | 2.5 U | 2.5 U |
| ACETONE | 2.5 U | 2.5 U | 19 J | 2.5 U | 4.1 J | 25 UJ | 3.4 J | 2.5 U | 2.5 U | 10 UJ | 10 UJ | 2.5 U | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 UJ | 0.25 J | 0.5 UJ | 5 UJ | 0.29 J | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 1 U | 1 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.66 J | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 10 UJ | 1 UJ | 1 U | 1 U | 4 UJ | 4 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 7.5 UJ | 0.75 U | 0.75 U | 0.75 U | 3 UJ | 3 UJ | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |

| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-011314-58-60 | VPB146-GW-011314-98-100 | VPB146-GW-011414-148-150 | VPB146-GW-011514-198-200 | VPB146-GW-D-011514 | VPB146-GW-D-011514-218-220 | VPB146-GW-011614-238-240 | VPB146-GW-011614-258-260 | VPB146-GW-011614-278-280 | VPB146-GW-011714-298-300 | VPB146-GW-011714-318-320 | VPB146-GW-012014-338-340 | VPB146-GW-012014-358-360 |
| SAMPLE DATE | 1/13/2014 | 1/13/2014 | 1/14/2014 | 1/15/2014 | 1/15/2014 | 1/15/2014 | 1/16/2014 | 1/16/2014 | 1/16/2014 | 1/17/2014 | 1/17/2014 | 1/20/2014 | 1/20/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.62 J | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 25 UJ | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 10 UJ | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 2.8 | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2 UJ | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 U | 1 U | 1 U | 4 UJ | 4 UJ | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 15 UJ | 1.5 U | 1.5 U | 1.5 U | 6 UJ | 6 UJ | 1.5 U | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-012114-378-380 | VPB146-GW-013114-398-400 | VPB146-GW-D-013114 | VPB146-GW-020314-418-420 | VPB146-GW-020414-438-440 | VPB146-GW-020414-458-460 | VPB146-GW-020614-478-480 | VPB146-GW-020614-503-505 | VPB146-GW-020714-523-525 | VPB146-GW-021014-548-550 | VPB146-GW-021014-558-560 | VPB146-GW-021114-578-580 | VPB146-GW-021114-598-600 |
| SAMPLE DATE | 1/21/2014 | 1/31/2014 | 1/31/2014 | 2/3/2014 | 2/4/2014 | 2/4/2014 | 2/6/2014 | 2/6/2014 | 2/7/2014 | 2/10/2014 | 2/10/2014 | 2/11/2014 | 2/11/2014 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 398 | 398 | 418 | 438 | 458 | 478 | 503 | 523 | 548 | 558 | 578 | 598 |
| BOTTOM DEPTH (FEET BGS) | 380 | 400 | 400 | 420 | 440 | 460 | 480 | 505 | 525 | 550 | 560 | 580 | 600 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 30 UJ | 30 UJ | 0.75 UJ | 0.75 U | 38 UJ | 1.5 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 100 UJ | 2.5 UJ | 2.5 U | 120 UJ | 5 UJ | 2.5 U | 1.6 J | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 100 UJ | 2.5 UJ | 2.5 U | 120 UJ | 5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 100 UJ | 2.5 UJ | 2.5 U | 120 UJ | 5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 9.4 J | 8.8 | 9.9 | 8.8 | 100 UJ | 100 UJ | 28 J | 6.2 | 120 UJ | 31 J | 7 | 6.6 J | 5.6 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 1 U | 0.5 U | 0.5 U | 0.33 J | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 30 UJ | 30 UJ | 0.75 UJ | 0.75 U | 38 UJ | 1.5 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-012114-378-380 | VPB146-GW-013114-398-400 | VPB146-GW-D-013114 | VPB146-GW-020314-418-420 | VPB146-GW-020414-438-440 | VPB146-GW-020414-458-460 | VPB146-GW-020614-478-480 | VPB146-GW-020614-503-505 | VPB146-GW-020714-523-525 | VPB146-GW-021014-548-550 | VPB146-GW-021014-558-560 | VPB146-GW-021114-578-580 | VPB146-GW-021114-598-600 |
| SAMPLE DATE | 1/21/2014 | 1/31/2014 | 1/31/2014 | 2/3/2014 | 2/4/2014 | 2/4/2014 | 2/6/2014 | 2/6/2014 | 2/7/2014 | 2/10/2014 | 2/10/2014 | 2/11/2014 | 2/11/2014 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 398 | 398 | 418 | 438 | 458 | 478 | 503 | 523 | 548 | 558 | 578 | 598 |
| BOTTOM DEPTH (FEET BGS) | 380 | 400 | 400 | 420 | 440 | 460 | 480 | 505 | 525 | 550 | 560 | 580 | 600 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 100 UJ | 100 UJ | 2.5 UJ | 2.5 U | 120 UJ | 5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 20 UJ | 20 UJ | 0.5 UJ | 0.5 U | 25 UJ | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 40 UJ | 40 UJ | 1 UJ | 1 U | 50 UJ | 2 UJ | 1 U | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 60 UJ | 60 UJ | 1.5 UJ | 1.5 U | 75 UJ | 3 UJ | 1.5 U | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-021214-618-620 | VPB146-GW-021214-638-640 | VPB146-GW-021714-688-690 | VPB146-GW-021814-698-700 | VPB146-GW-021814-718-720 | VPB146-GW-021914-738-740 | VPB146-GW-030314-823-825 | VPB146-GW-031114-948-950 | VPB147-GW-060514-58-60 | VPB147-GW-060514-98-100 | VPB147-GW-060614-148-150 | VPB147-GW-060614-198-200 | VPB147-GW-060914-218-220 |
| SAMPLE DATE | 2/12/2014 | 2/12/2014 | 2/17/2014 | 2/18/2014 | 2/18/2014 | 2/19/2014 | 3/3/2014 | 3/11/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 618 | 638 | 688 | 698 | 718 | 738 | 823 | 948 | 58 | 98 | 148 | 198 | 218 |
| BOTTOM DEPTH (FEET BGS) | 620 | 640 | 690 | 700 | 720 | 740 | 825 | 950 | 60 | 100 | 150 | 200 | 220 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 3 UJ | 2.2 UJ | 7.5 UJ | 3 UJ | 7.5 UJ | 7.5 UJ | 0.75 UJ | 38 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 10 UJ | 7.5 UJ | 25 UJ | 10 UJ | 25 UJ | 25 UJ | 3 J | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 10 UJ | 7.5 UJ | 25 UJ | 10 UJ | 25 UJ | 25 UJ | 2.5 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 10 UJ | 7.5 UJ | 25 UJ | 10 UJ | 25 UJ | 25 UJ | 2.5 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 23 J | 16 J | 26 J | 18 J | 26 J | 25 UJ | 22 J | 120 UJ | 12 | 2.3 | 13 | 6.9 | 2.5 U |
| BENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 1 UJ | 25 UJ | 0.5 U | 0.5 U | 0.35 J | 0.29 J | 0.5 U |
| CARBON TETRACHLORIDE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.69 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 3 UJ | 2.2 UJ | 7.5 UJ | 3 UJ | 7.5 UJ | 7.5 UJ | 0.75 UJ | 38 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB146 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB146-GW-021214-618-620 | VPB146-GW-021214-638-640 | VPB146-GW-021714-688-690 | VPB146-GW-021814-698-700 | VPB146-GW-021814-718-720 | VPB146-GW-021914-738-740 | VPB146-GW-030314-823-825 | VPB146-GW-031114-948-950 | VPB147-GW-060514-58-60 | VPB147-GW-060514-98-100 | VPB147-GW-060614-148-150 | VPB147-GW-060614-198-200 | VPB147-GW-060914-218-220 |
| SAMPLE DATE | 2/12/2014 | 2/12/2014 | 2/17/2014 | 2/18/2014 | 2/18/2014 | 2/19/2014 | 3/3/2014 | 3/11/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 618 | 638 | 688 | 698 | 718 | 738 | 823 | 948 | 58 | 98 | 148 | 198 | 218 |
| BOTTOM DEPTH (FEET BGS) | 620 | 640 | 690 | 700 | 720 | 740 | 825 | 950 | 60 | 100 | 150 | 200 | 220 |
| METHYL TERT-BUTYL ETHER | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 20 UJ | 7.5 UJ | 25 UJ | 10 UJ | 25 UJ | 25 UJ | 2.5 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 2 UJ | 1.5 UJ | 5 UJ | 2 UJ | 5 UJ | 5 UJ | 0.5 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 4 UJ | 3 UJ | 10 UJ | 4 UJ | 10 UJ | 10 UJ | 1 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 6 UJ | 4.5 UJ | 15 UJ | 6 UJ | 15 UJ | 15 UJ | 1.5 UJ | 75 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GWD-060914 | VPB147-GW-060914-238-240 | VPB147-GW-060914-258-260 | VPB147-GW-060914-278-280 | VPB147-GW-061014-298-300 | VPB147-GW-061014-318-320 | VPB147-GW-061014-338-340 | VPB147-GW-061114-358-360 | VPB147-GW-061114-378-380 | VPB147-GW-061214-398-400 | VPB147-GWD-061214 | VPB147-GW-061214-418-420 | VPB147-GW-061214-438-440 |
| SAMPLE DATE | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 | 6/11/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 400 | 420 | 440 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.5 U | 3.3 J | 2.5 U | 2.5 U | 2.5 U | 4.5 J | 12 | 5.2 | 6.4 | 7.8 J | 11 J | 2.5 U | 7.3 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GWD-060914 | VPB147-GW-060914-238-240 | VPB147-GW-060914-258-260 | VPB147-GW-060914-278-280 | VPB147-GW-061014-298-300 | VPB147-GW-061014-318-320 | VPB147-GW-061014-338-340 | VPB147-GW-061114-358-360 | VPB147-GW-061114-378-380 | VPB147-GW-061214-398-400 | VPB147-GWD-061214 | VPB147-GW-061214-418-420 | VPB147-GW-061214-438-440 |
| SAMPLE DATE | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 | 6/11/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 400 | 420 | 440 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GW-061314-458-460 | VPB147-GW-061314-478-480 | VPB147-GW-061714-528-530 | VPB147-GW-061714-538-540 | VPB147-GW-061714-558-560 | VPB147-GW-061814-578-580 | VPB147-GW-061814-598-600 | VPB147-GW-061814-618-620 | VPB147-GW-061914-638-640 | VPB147-GW-061914-668-670 | VPB147-GW-062014-678-680 | VPB147-GW-062314-718-720 | VPB147-GW-062314-738-740 |
| SAMPLE DATE | 6/13/2014 | 6/13/2014 | 6/17/2014 | 6/17/2014 | 6/17/2014 | 6/18/2014 | 6/18/2014 | 6/18/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/23/2014 | 6/23/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 528 | 538 | 558 | 578 | 598 | 618 | 638 | 668 | 678 | 718 | 738 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 530 | 540 | 560 | 580 | 600 | 620 | 640 | 670 | 680 | 720 | 740 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 5 J | 2.5 UJ | 2.5 UJ | 1.9 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 4.9 J | 4.2 J | 29 | 6.3 | 19 | 14 | 3.7 J | 7.2 | 8.8 | 2.5 U | 7.2 | 15 | 8 |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 0.56 J | 1 U | 1 U | 0.43 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GW-061314-458-460 | VPB147-GW-061314-478-480 | VPB147-GW-061714-528-530 | VPB147-GW-061714-538-540 | VPB147-GW-061714-558-560 | VPB147-GW-061814-578-580 | VPB147-GW-061814-598-600 | VPB147-GW-061814-618-620 | VPB147-GW-061914-638-640 | VPB147-GW-061914-668-670 | VPB147-GW-062014-678-680 | VPB147-GW-062314-718-720 | VPB147-GW-062314-738-740 |
| SAMPLE DATE | 6/13/2014 | 6/13/2014 | 6/17/2014 | 6/17/2014 | 6/17/2014 | 6/18/2014 | 6/18/2014 | 6/18/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/23/2014 | 6/23/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 528 | 538 | 558 | 578 | 598 | 618 | 638 | 668 | 678 | 718 | 738 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 530 | 540 | 560 | 580 | 600 | 620 | 640 | 670 | 680 | 720 | 740 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.45 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GW-062414-758-760 | VPB147-GW-062514-798-800 | VPB147-GW-062514-818-820 | VPB147-GW-062614-840-842 | VPB147-GW-062614-858-860 | VPB147-GW-062714-878-880 | VPB147-GW-062714-888-890 | VPB147-GW-063014-898-900 | VPB147-GW-070114-938-940 | VPB147-GW-070114-943-945 | VPB147-GW-070114-958-960 | VPB148-GW-020614-63-65 | VPB148-GW-020614-98-100 |
| SAMPLE DATE | 6/24/2014 | 6/25/2014 | 6/25/2014 | 6/26/2014 | 6/26/2014 | 6/27/2014 | 6/27/2014 | 6/30/2014 | 7/1/2014 | 7/1/2014 | 7/1/2014 | 2/6/2014 | 2/6/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 758 | 798 | 818 | 840 | 858 | 878 | 888 | 898 | 938 | 943 | 958 | 63 | 98 |
| BOTTOM DEPTH (FEET BGS) | 760 | 800 | 820 | 842 | 860 | 880 | 890 | 900 | 940 | 945 | 960 | 65 | 100 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 1.5 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 1.5 UJ | 7.5 UJ | 7.5 UJ | 0.75 UJ | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 13 J | 5 UJ | 25 UJ | 25 UJ | 5.2 J | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 5 UJ | 25 UJ | 25 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 5 UJ | 25 UJ | 25 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| ACETONE | 24 J | 2.5 U | 34 UJ | 5 UJ | 12 UJ | 24 J | 85 J | 56 J | 25 UJ | 38 J | 24 J | 11 J | 12 J |
| BENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.58 J | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.44 J | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 1.5 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 1.5 UJ | 7.5 UJ | 7.5 UJ | 0.75 UJ | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |

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| LOCATION | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB147 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB147-GW-062414-758-760 | VPB147-GW-062514-798-800 | VPB147-GW-062514-818-820 | VPB147-GW-062614-840-842 | VPB147-GW-062614-858-860 | VPB147-GW-062714-878-880 | VPB147-GW-062714-888-890 | VPB147-GW-063014-898-900 | VPB147-GW-070114-938-940 | VPB147-GW-070114-943-945 | VPB147-GW-070114-958-960 | VPB148-GW-020614-63-65 | VPB148-GW-020614-98-100 |
| SAMPLE DATE | 6/24/2014 | 6/25/2014 | 6/25/2014 | 6/26/2014 | 6/26/2014 | 6/27/2014 | 6/27/2014 | 6/30/2014 | 7/1/2014 | 7/1/2014 | 7/1/2014 | 2/6/2014 | 2/6/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 758 | 798 | 818 | 840 | 858 | 878 | 888 | 898 | 938 | 943 | 958 | 63 | 98 |
| BOTTOM DEPTH (FEET BGS) | 760 | 800 | 820 | 842 | 860 | 880 | 890 | 900 | 940 | 945 | 960 | 65 | 100 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 16 J | 2.5 UJ | 3.8 J | 25 UJ | 25 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 1 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 1 UJ | 5 UJ | 5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 2 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 2 UJ | 10 UJ | 10 UJ | 1 UJ | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 3 UJ | 1.5 UJ | 1.5 UJ | 6 UJ | 1.5 UJ | 3 UJ | 15 UJ | 15 UJ | 1.5 UJ | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

5/1/2017 3:33:13 PM

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-020714-153-155 | VPB148-GW-021014-198-200 | VPB148-GW-021014-218-220 | VPB148-GW-021114-238-240 | VPB148-GW-021114-258-260 | VPB148-GW-021214-278-280 | VPB148-GW-021214-303-305 | VPB148-GW-021414-318-320 | VPB148-GW-021414-338-340 | VPB148-GW-021714-358-360 | VPB148-GW-021714-378-380 | VPB148-GW-021814-403-405 | VPB148-GW-021814-418-420 |
| SAMPLE DATE | 2/7/2014 | 2/10/2014 | 2/10/2014 | 2/11/2014 | 2/11/2014 | 2/12/2014 | 2/12/2014 | 2/14/2014 | 2/14/2014 | 2/17/2014 | 2/17/2014 | 2/18/2014 | 2/18/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 153 | 198 | 218 | 238 | 258 | 278 | 303 | 318 | 338 | 358 | 378 | 403 | 418 |
| BOTTOM DEPTH (FEET BGS) | 155 | 200 | 220 | 240 | 260 | 280 | 305 | 320 | 340 | 360 | 380 | 405 | 420 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.73 J | 1.2 | 1.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.68 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 4 | 8.1 | 6.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 1.5 | 2.3 | 2.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 4.2 J | 5.9 | 4.5 J | 4.4 J | 2.5 U | 4.9 J | 5.6 | 4.4 J | 4.7 J | 3.7 J | 3 J | 2.5 J | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 J | 0.68 J | 1.8 | 0.7 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1.2 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-020714-153-155 | VPB148-GW-021014-198-200 | VPB148-GW-021014-218-220 | VPB148-GW-021114-238-240 | VPB148-GW-021114-258-260 | VPB148-GW-021214-278-280 | VPB148-GW-021214-303-305 | VPB148-GW-021414-318-320 | VPB148-GW-021414-338-340 | VPB148-GW-021714-358-360 | VPB148-GW-021714-378-380 | VPB148-GW-021814-403-405 | VPB148-GW-021814-418-420 |
| SAMPLE DATE | 2/7/2014 | 2/10/2014 | 2/10/2014 | 2/11/2014 | 2/11/2014 | 2/12/2014 | 2/12/2014 | 2/14/2014 | 2/14/2014 | 2/17/2014 | 2/17/2014 | 2/18/2014 | 2/18/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 153 | 198 | 218 | 238 | 258 | 278 | 303 | 318 | 338 | 358 | 378 | 403 | 418 |
| BOTTOM DEPTH (FEET BGS) | 155 | 200 | 220 | 240 | 260 | 280 | 305 | 320 | 340 | 360 | 380 | 405 | 420 |
| METHYL TERT-BUTYL ETHER | 0.47 J | 0.4 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.99 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 1.7 | 1.8 | 2.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-021814-438-440 | VPB148-GW-D-021814 | VPB148-GW-021914-458-460 | VPB148-GW-021914-483-485 | VPB148-GW-022014-498-500 | VPB148-GW-022014-518-520 | VPB148-GW-022014-538-540 | VPB148-GW-022114-558-560 | VPB148-GW-022114-578-580 | VPB148-GW-022414-598-600 | VPB148-GW-022414-618-620 | VPB148-GW-022614-658-660 | VPB148-GW-022614-678-680 |
| SAMPLE DATE | 2/18/2014 | 2/18/2014 | 2/19/2014 | 2/19/2014 | 2/20/2014 | 2/20/2014 | 2/20/2014 | 2/21/2014 | 2/21/2014 | 2/24/2014 | 2/24/2014 | 2/26/2014 | 2/26/2014 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 438 | 438 | 458 | 483 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 440 | 440 | 460 | 485 | 500 | 520 | 540 | 560 | 580 | 600 | 620 | 660 | 680 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.4 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 6.2 | 15 | 0.5 UJ | 0.5 UJ | 0.5 UJ | 5 | 3.5 J | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.69 J | 1.8 | 0.85 J | 0.73 J | 0.38 J | 0.46 J | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.35 J | 0.96 J | 0.68 J | 0.5 UJ | 0.5 UJ | 0.59 J | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 | 3.7 | 0.46 J | 0.5 UJ | 0.5 UJ | 0.92 J | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 0.31 J | 4.7 | 5 | 2 J | 0.64 J | 0.46 J | 0.88 J | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 1.5 J | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.5 U | 3.5 J | 2.5 U | 5.2 | 4.9 J | 2.8 J | 8 | 7.1 J | 6.1 J | 4.7 J | 3.9 J | 3.7 J | 5.9 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.2 | 0.86 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.55 J | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 4.3 | 6.1 | 1.4 J | 0.8 J | 0.48 J | 0.56 J | 0.33 J | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.31 J | 4.7 | 5 | 2 J | 0.64 J | 0.46 J | 0.88 J | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 0.44 J | 1.7 J | 1.5 J | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-021814-438-440 | VPB148-GW-D-021814 | VPB148-GW-021914-458-460 | VPB148-GW-021914-483-485 | VPB148-GW-022014-498-500 | VPB148-GW-022014-518-520 | VPB148-GW-022014-538-540 | VPB148-GW-022114-558-560 | VPB148-GW-022114-578-580 | VPB148-GW-022414-598-600 | VPB148-GW-022414-618-620 | VPB148-GW-022614-658-660 | VPB148-GW-022614-678-680 |
| SAMPLE DATE | 2/18/2014 | 2/18/2014 | 2/19/2014 | 2/19/2014 | 2/20/2014 | 2/20/2014 | 2/20/2014 | 2/21/2014 | 2/21/2014 | 2/24/2014 | 2/24/2014 | 2/26/2014 | 2/26/2014 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 438 | 438 | 458 | 483 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 440 | 440 | 460 | 485 | 500 | 520 | 540 | 560 | 580 | 600 | 620 | 660 | 680 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.8 | 68 | 520 | 110 J | 57 J | 42 J | 100 | 4.1 J | 0.3 J |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.34 J | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-022714-703-705 | VPB148-GW-022714-718-720 | VPB148-GW-022714-738-740 | VPB148-GW-022814-758-760 | VPB148-GW-030314-798-800 | VPB148-GW-030314-818-820 | VPB148-GW-030414-838-840 | VPB148-GW-030414-858-860 | VPB148-GW-030514-878-880 | VPB148-GW-030514-898-900 | VPB148-GW-D-030514 | VPB148-GW-030614-918-920 | VPB148-GW-030714-948-950 |
| SAMPLE DATE | 2/27/2014 | 2/27/2014 | 2/27/2014 | 2/28/2014 | 3/3/2014 | 3/3/2014 | 3/4/2014 | 3/4/2014 | 3/5/2014 | 3/5/2014 | 3/5/2014 | 3/6/2014 | 3/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 703 | 718 | 738 | 758 | 798 | 818 | 838 | 858 | 878 | 898 | 898 | 918 | 948 |
| BOTTOM DEPTH (FEET BGS) | 705 | 720 | 740 | 760 | 800 | 820 | 840 | 860 | 880 | 900 | 900 | 920 | 950 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 6.1 J | 3.4 J | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3.8 UJ | 0.75 U | 0.75 U | 15 UJ | 7.5 UJ | 7.5 UJ | 0.75 U | 0.75 U | 30 UJ | 30 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 0.33 J | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12 UJ | 2.5 U | 2.5 U | 50 UJ | 25 UJ | 25 UJ | 2.5 U | 2.5 U | 100 UJ | 100 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12 UJ | 2.5 U | 2.5 U | 50 UJ | 25 UJ | 25 UJ | 2.5 U | 2.5 U | 100 UJ | 100 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12 UJ | 2.5 U | 2.5 U | 50 UJ | 25 UJ | 25 UJ | 2.5 U | 2.5 U | 100 UJ | 100 UJ |
| ACETONE | 2.8 J | 4 J | 3.4 J | 34 J | 4.6 J | 4 J | 50 UJ | 25 UJ | 25 UJ | 2.5 U | 5 U | 100 UJ | 100 UJ |
| BENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| BROMOFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 1 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| CHLOROFORM | 0.32 J | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| CIS-1,2-DICHLOROETHENE | 0.33 J | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| M- AND P-XYLENE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3.8 UJ | 0.75 U | 0.75 U | 15 UJ | 7.5 UJ | 7.5 UJ | 0.75 U | 0.75 U | 30 UJ | 30 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |

| LOCATION | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 | VPB148 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB148-GW-022714-703-705 | VPB148-GW-022714-718-720 | VPB148-GW-022714-738-740 | VPB148-GW-022814-758-760 | VPB148-GW-030314-798-800 | VPB148-GW-030314-818-820 | VPB148-GW-030414-838-840 | VPB148-GW-030414-858-860 | VPB148-GW-030514-878-880 | VPB148-GW-030514-898-900 | VPB148-GW-D-030514 | VPB148-GW-030614-918-920 | VPB148-GW-030714-948-950 |
| SAMPLE DATE | 2/27/2014 | 2/27/2014 | 2/27/2014 | 2/28/2014 | 3/3/2014 | 3/3/2014 | 3/4/2014 | 3/4/2014 | 3/5/2014 | 3/5/2014 | 3/5/2014 | 3/6/2014 | 3/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 703 | 718 | 738 | 758 | 798 | 818 | 838 | 858 | 878 | 898 | 898 | 918 | 948 |
| BOTTOM DEPTH (FEET BGS) | 705 | 720 | 740 | 760 | 800 | 820 | 840 | 860 | 880 | 900 | 900 | 920 | 950 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 12 UJ | 2.5 U | 2.5 U | 50 UJ | 25 UJ | 25 UJ | 2.5 U | 2.5 U | 100 UJ | 100 UJ |
| O-XYLENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| STYRENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TOLUENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TRICHLOROETHENE | 28 J | 14 J | 0.5 UJ | 2.5 UJ | 0.5 U | 0.5 U | 10 UJ | 5 UJ | 5 UJ | 0.5 U | 0.5 U | 20 UJ | 20 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 1 U | 1 U | 20 UJ | 10 UJ | 10 UJ | 1 U | 1 U | 40 UJ | 40 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 UJ | 1.5 UJ | 7.5 UJ | 1.5 U | 1.5 U | 30 UJ | 15 UJ | 15 UJ | 1.5 U | 1.5 U | 60 UJ | 60 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-092314-58-60 | VPB149-GW-092314-98-100 | VPB149-GW-092414-148-150 | VPB149-GW-092514-198-200 | VPB149-GW-092514-218-220 | VPB149-GWD-092514 | VPB149-GW-092514-238-240 | VPB149-GW-092614-258-260 | VPB149-GW-092614-283-285 | VPB149-GW-092914-298-300 | VPB149-GW-092914-318-320 | VPB149-GW-093014-338-340 | VPB149-GW-093014-358-360 |
| SAMPLE DATE | 9/23/2014 | 9/23/2014 | 9/24/2014 | 9/25/2014 | 9/25/2014 | 9/25/2014 | 9/25/2014 | 9/26/2014 | 9/26/2014 | 9/29/2014 | 9/29/2014 | 9/30/2014 | 9/30/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 218 | 218 | 238 | 258 | 283 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 220 | 220 | 240 | 260 | 285 | 300 | 320 | 340 | 360 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 1.5 | 2.3 | 2.3 | 1.6 | 1.5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.39 J | 0.53 J | 0.54 J | 0.42 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.17 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 4.7 | 4.6 | 4.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 0.22 J | 0.72 J | 1.5 J | 1.6 J | 1.3 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| ACETONE | 5.5 UJ | 5 UJ | 5.9 UJ | 5 UJ | 5 UJ | 2.5 UJ | 9.9 UJ | 3.3 J | 5.1 J | 3.5 J | 4.8 J | 8.2 J | 8.6 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.38 J | 0.5 U | 1 U | 1 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.41 J | 0.55 J | 0.5 U | 0.5 U | 0.5 U | 0.45 J | 0.6 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.22 J | 0.72 J | 1.5 | 1.6 | 1.3 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 8.2 | 0.5 U | 0.5 U | 0.5 U | 6.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.65 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 37 | 2.5 | 2.2 | 2.1 | 34 | 1.8 | 3.1 | 0.5 U | 0.84 J | 2.7 | 4.6 J |

5/1/2017 3:33:13 PM

| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-092314-58-60 | VPB149-GW-092314-98-100 | VPB149-GW-092414-148-150 | VPB149-GW-092514-198-200 | VPB149-GW-092514-218-220 | VPB149-GWD-092514 | VPB149-GW-092514-238-240 | VPB149-GW-092614-258-260 | VPB149-GW-092614-283-285 | VPB149-GW-092914-298-300 | VPB149-GW-092914-318-320 | VPB149-GW-093014-338-340 | VPB149-GW-093014-358-360 |
| SAMPLE DATE | 9/23/2014 | 9/23/2014 | 9/24/2014 | 9/25/2014 | 9/25/2014 | 9/25/2014 | 9/25/2014 | 9/26/2014 | 9/26/2014 | 9/29/2014 | 9/29/2014 | 9/30/2014 | 9/30/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 58 | 98 | 148 | 198 | 218 | 218 | 238 | 258 | 283 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 100 | 150 | 200 | 220 | 220 | 240 | 260 | 285 | 300 | 320 | 340 | 360 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 8.4 | 3.9 | 3.3 | 3.3 | 2.1 | 0.84 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 1.1 | 1.3 | 4 | 4.2 | 2.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 3.2 | 11 | 9.6 | 9.9 | 8.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-100114-378-380 | VPB149-GW-100114-418-420 | VPB149-GW-100214-438-440 | VPB149-GW-100214-458-460 | VPB149-GW-100214-478-480 | VPB149-100314-498-500 | VPB149-100314-518-520 | VPB149-100314-538-540 | VPB149-100614-558-560 | VPB149-100614-578-580 | VPB149-GW-100714-603-605 | VPB149-GW-100714-618-620 | VPB149-GW-100814-638-640 |
| SAMPLE DATE | 10/1/2014 | 10/1/2014 | 10/2/2014 | 10/2/2014 | 10/2/2014 | 10/3/2014 | 10/3/2014 | 10/3/2014 | 10/6/2014 | 10/6/2014 | 10/7/2014 | 10/7/2014 | 10/8/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 418 | 438 | 458 | 478 | 498 | 518 | 538 | 558 | 578 | 603 | 618 | 638 |
| BOTTOM DEPTH (FEET BGS) | 380 | 420 | 440 | 460 | 480 | 500 | 520 | 540 | 560 | 580 | 605 | 620 | 640 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.6 J | 0.5 UJ | 1.3 J | 0.5 UJ | 3.1 | 5.1 |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.65 J | 0.68 J |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1.3 | 1.9 |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.2 J | 1.2 J |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 5.1 J | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 6.3 J | 14 J | 2.5 U | 7.2 J | 2.8 J | 5.2 | 3.6 J | 10 J | 16 J | 5.1 J | 16 UJ | 2.5 U | 5 U |
| BENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| CARBON DISULFIDE | 1 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.93 J | 2.4 |
| CHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 | 1.8 |
| CHLOROMETHANE | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1.2 | 1.2 |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 0.29 J | 1 UJ | 0.6 J | 1 UJ | 1.2 J | 1.2 J |
| ETHYLBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.38 J | 2 J | 0.5 U | 0.42 J | 0.35 J | 0.46 J | 0.5 U | 0.44 J | 0.99 J | 0.33 J | 0.68 J | 0.5 U | 0.5 U |

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| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-100114-378-380 | VPB149-GW-100114-418-420 | VPB149-GW-100214-438-440 | VPB149-GW-100214-458-460 | VPB149-GW-100214-478-480 | VPB149-100314-498-500 | VPB149-100314-518-520 | VPB149-100314-538-540 | VPB149-100614-558-560 | VPB149-100614-578-580 | VPB149-GW-100714-603-605 | VPB149-GW-100714-618-620 | VPB149-GW-100814-638-640 |
| SAMPLE DATE | 10/1/2014 | 10/1/2014 | 10/2/2014 | 10/2/2014 | 10/2/2014 | 10/3/2014 | 10/3/2014 | 10/3/2014 | 10/6/2014 | 10/6/2014 | 10/7/2014 | 10/7/2014 | 10/8/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 418 | 438 | 458 | 478 | 498 | 518 | 538 | 558 | 578 | 603 | 618 | 638 |
| BOTTOM DEPTH (FEET BGS) | 380 | 420 | 440 | 460 | 480 | 500 | 520 | 540 | 560 | 580 | 605 | 620 | 640 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 95 | 100 |
| TRICHLOROFLUOROMETHANE | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GWD-100814 | VPB149-GW-100814-658-660 | VPB149-GW-100814-678-680 | VPB149-GW-100914-698-700 | VPB149-GW-100914-718-720 | VPB149-GW-101014-738-740 | VPB149-GW-101014-758-760 | VPB149-GW-101414-808-810 | VPB149-GW-101414-818-820 | VPB149-GW-101414-838-840 | VPB149-GW-101514-858-860 | VPB149-GW-101514-878-880 | VPB149-GW-101614-903-905 |
| SAMPLE DATE | 10/8/2014 | 10/8/2014 | 10/8/2014 | 10/9/2014 | 10/9/2014 | 10/10/2014 | 10/10/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/15/2014 | 10/15/2014 | 10/16/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 638 | 658 | 678 | 698 | 718 | 738 | 758 | 808 | 818 | 838 | 858 | 878 | 903 |
| BOTTOM DEPTH (FEET BGS) | 640 | 660 | 680 | 700 | 720 | 740 | 760 | 810 | 820 | 840 | 860 | 880 | 905 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4.9 | 4 | 0.5 U | 0.5 UJ | 0.47 J | 1.2 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.7 J | 0.36 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,1-DICHLOROETHENE | 1.5 | 1.2 | 0.5 U | 0.5 UJ | 0.5 U | 0.36 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 6 UJ | 3 UJ | 7.5 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1.2 J | 0.71 J | 1 U | 1 UJ | 1 U | 0.36 J | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 20 UJ | 10 UJ | 25 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 20 UJ | 10 UJ | 25 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 20 UJ | 10 UJ | 25 UJ |
| ACETONE | 5 U | 5 U | 2.5 U | 5 UJ | 2.5 U | 10 J | 11 J | 18 UJ | 2.5 U | 8.9 UJ | 40 UJ | 22 UJ | 25 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| CARBON TETRACHLORIDE | 2.4 | 0.4 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| CHLOROFORM | 1.7 | 1.4 | 0.5 U | 0.5 UJ | 0.5 U | 0.37 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 0.98 J | 1 U | 0.48 J | 8 UJ | 4 UJ | 10 UJ |
| CIS-1,2-DICHLOROETHENE | 1.2 | 0.71 J | 0.5 U | 0.5 UJ | 0.5 U | 0.36 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| DICHLORODIFLUOROMETHANE | 1.1 J | 0.77 J | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 6 UJ | 3 UJ | 7.5 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.54 J | 4 UJ | 2 UJ | 5 UJ |

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| LOCATION | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 | VPB149 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GWD-100814 | VPB149-GW-100814-658-660 | VPB149-GW-100814-678-680 | VPB149-GW-100914-698-700 | VPB149-GW-100914-718-720 | VPB149-GW-101014-738-740 | VPB149-GW-101014-758-760 | VPB149-GW-101414-808-810 | VPB149-GW-101414-818-820 | VPB149-GW-101414-838-840 | VPB149-GW-101514-858-860 | VPB149-GW-101514-878-880 | VPB149-GW-101614-903-905 |
| SAMPLE DATE | 10/8/2014 | 10/8/2014 | 10/8/2014 | 10/9/2014 | 10/9/2014 | 10/10/2014 | 10/10/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/15/2014 | 10/15/2014 | 10/16/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 638 | 658 | 678 | 698 | 718 | 738 | 758 | 808 | 818 | 838 | 858 | 878 | 903 |
| BOTTOM DEPTH (FEET BGS) | 640 | 660 | 680 | 700 | 720 | 740 | 760 | 810 | 820 | 840 | 860 | 880 | 905 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 20 UJ | 10 UJ | 25 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TRICHLOROETHENE | 110 | 53 | 0.61 J | 0.5 UJ | 8.8 | 16 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 4 UJ | 2 UJ | 5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 8 UJ | 4 UJ | 10 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 12 UJ | 6 UJ | 15 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB149 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-101614-918-920 | VPB150-GW-040114-58-60 | VPB150-GW-040114-98-100 | VPB150-GW-040214-148-150 | VPB150-GW-040314-198-200 | VPB150-GW-040314-218-220 | VPB150-GW-040314-243-245 | VPB150-GW-040414-258-260 | VPB150-GWD-040414 | VPB150-GW-040414-278-280 | VPB150-GW-040714-298-300 | VPB150-GW-040714-318-320 | VPB150-GW-040714-338-340 |
| SAMPLE DATE | 10/16/2014 | 4/1/2014 | 4/1/2014 | 4/2/2014 | 4/3/2014 | 4/3/2014 | 4/3/2014 | 4/4/2014 | 4/4/2014 | 4/4/2014 | 4/7/2014 | 4/7/2014 | 4/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 918 | 58 | 98 | 148 | 198 | 218 | 243 | 258 | 258 | 278 | 298 | 318 | 338 |
| BOTTOM DEPTH (FEET BGS) | 920 | 60 | 100 | 150 | 200 | 220 | 245 | 260 | 260 | 280 | 300 | 320 | 340 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.41 J | 0.5 U | 1.9 | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.84 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 6 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 8 UJ | 2 UJ | 1 U | 1 U | 1 U | 1 U | 0.22 J | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 20 UJ | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 20 UJ | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 20 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 20 UJ | 16 J | 2.5 U | 4.6 J | 2.5 U | 2.5 U | 2.5 U | 5 J | 18 J | 5.5 J | 7.9 J | 24 J | 6.5 J |
| BENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 8 UJ | 2 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 8 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 4 UJ | 1 UJ | 0.5 U | 0.35 J | 0.41 J | 0.68 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 8 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.22 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 8 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 8 UJ | 2 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 6 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB149 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB149-GW-101614-918-920 | VPB150-GW-040114-58-60 | VPB150-GW-040114-98-100 | VPB150-GW-040214-148-150 | VPB150-GW-040314-198-200 | VPB150-GW-040314-218-220 | VPB150-GW-040314-243-245 | VPB150-GW-040414-258-260 | VPB150-GWD-040414 | VPB150-GW-040414-278-280 | VPB150-GW-040714-298-300 | VPB150-GW-040714-318-320 | VPB150-GW-040714-338-340 |
| SAMPLE DATE | 10/16/2014 | 4/1/2014 | 4/1/2014 | 4/2/2014 | 4/3/2014 | 4/3/2014 | 4/3/2014 | 4/4/2014 | 4/4/2014 | 4/4/2014 | 4/7/2014 | 4/7/2014 | 4/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 918 | 58 | 98 | 148 | 198 | 218 | 243 | 258 | 258 | 278 | 298 | 318 | 338 |
| BOTTOM DEPTH (FEET BGS) | 920 | 60 | 100 | 150 | 200 | 220 | 245 | 260 | 260 | 280 | 300 | 320 | 340 |
| METHYL TERT-BUTYL ETHER | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 20 UJ | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.59 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.74 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 4 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 4 UJ | 1 UJ | 0.51 J | 0.94 J | 1.9 | 0.48 J | 26 | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 8 UJ | 2 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 8 UJ | 2 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 12 UJ | 3 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-040814-358-360 | VPB150-GW-040914-383-385 | VPB150-GW-040914-398-400 | VPB150-GW-040914-418-420 | VPB150-GW-041014-438-440 | VPB150-GW-041014-463-465 | VPB150-GW-041014-478-480 | VPB150-GW-041114-498-500 | VPB150-GW-041114-518-520 | VPB150-GW-041114-538-540 | VPB150-GW-041514-568-570 | VPB150-GW-041514-578-580 | VPB150-GW-041614-598-600 |
| SAMPLE DATE | 4/8/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/10/2014 | 4/10/2014 | 4/10/2014 | 4/11/2014 | 4/11/2014 | 4/11/2014 | 4/15/2014 | 4/15/2014 | 4/16/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 358 | 383 | 398 | 418 | 438 | 463 | 478 | 498 | 518 | 538 | 568 | 578 | 598 |
| BOTTOM DEPTH (FEET BGS) | 360 | 385 | 400 | 420 | 440 | 465 | 480 | 500 | 520 | 540 | 570 | 580 | 600 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.2 J | 2.5 U | 2.5 UJ | 10 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 10 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 10 UJ | 2.5 UJ |
| ACETONE | 9.5 J | 11 J | 2.9 J | 18 J | 5.2 J | 6.8 J | 2.5 U | 7.3 UJ | 13 UJ | 2.5 U | 8.4 J | 10 UJ | 4.2 J |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 3 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |

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| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-040814-358-360 | VPB150-GW-040914-383-385 | VPB150-GW-040914-398-400 | VPB150-GW-040914-418-420 | VPB150-GW-041014-438-440 | VPB150-GW-041014-463-465 | VPB150-GW-041014-478-480 | VPB150-GW-041114-498-500 | VPB150-GW-041114-518-520 | VPB150-GW-041114-538-540 | VPB150-GW-041514-568-570 | VPB150-GW-041514-578-580 | VPB150-GW-041614-598-600 |
| SAMPLE DATE | 4/8/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/10/2014 | 4/10/2014 | 4/10/2014 | 4/11/2014 | 4/11/2014 | 4/11/2014 | 4/15/2014 | 4/15/2014 | 4/16/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 358 | 383 | 398 | 418 | 438 | 463 | 478 | 498 | 518 | 538 | 568 | 578 | 598 |
| BOTTOM DEPTH (FEET BGS) | 360 | 385 | 400 | 420 | 440 | 465 | 480 | 500 | 520 | 540 | 570 | 580 | 600 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 10 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 6 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-041614-618-620 | VPB150-GW-041714-638-640 | VPB150-GW-041714-658-660 | VPB150-GW-041714-678-680 | VPB150-GW-D-041714 | VPB150-GW-041814-698-700 | VPB150-GW-042214-738-740 | VPB150-GW-042314-758-760 | VPB150-GW-042314-778-780 | VPB150-GW-042314-798-800 | VPB150-GW-042414-818-820 | VPB150-GW-042414-838-840 | VPB150-GW-042514-858-860 |
| SAMPLE DATE | 4/16/2014 | 4/17/2014 | 4/17/2014 | 4/17/2014 | 4/17/2014 | 4/18/2014 | 4/22/2014 | 4/23/2014 | 4/23/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 618 | 638 | 658 | 678 | 678 | 698 | 738 | 758 | 778 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 620 | 640 | 660 | 680 | 680 | 700 | 740 | 760 | 780 | 800 | 820 | 840 | 860 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 UJ | 0.75 UJ | 7.5 UJ | 3.8 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 12 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 6.5 J |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 12 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 12 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ |
| ACETONE | 5 J | 9.3 J | 15 J | 50 UJ | 2.5 UJ | 6.4 J | 25 UJ | 12 UJ | 2.5 UJ | 9.6 J | 12 J | 50 UJ | 42 J |
| BENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 UJ | 0.75 UJ | 7.5 UJ | 3.8 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |

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| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 | VPB150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-041614-618-620 | VPB150-GW-041714-638-640 | VPB150-GW-041714-658-660 | VPB150-GW-041714-678-680 | VPB150-GW-D-041714 | VPB150-GW-041814-698-700 | VPB150-GW-042214-738-740 | VPB150-GW-042314-758-760 | VPB150-GW-042314-778-780 | VPB150-GW-042314-798-800 | VPB150-GW-042414-818-820 | VPB150-GW-042414-838-840 | VPB150-GW-042514-858-860 |
| SAMPLE DATE | 4/16/2014 | 4/17/2014 | 4/17/2014 | 4/17/2014 | 4/17/2014 | 4/18/2014 | 4/22/2014 | 4/23/2014 | 4/23/2014 | 4/23/2014 | 4/24/2014 | 4/24/2014 | 4/25/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 618 | 638 | 658 | 678 | 678 | 698 | 738 | 758 | 778 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 620 | 640 | 660 | 680 | 680 | 700 | 740 | 760 | 780 | 800 | 820 | 840 | 860 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 12 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 10 UJ | 5 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 UJ | 1.5 UJ | 30 UJ | 1.5 UJ | 1.5 UJ | 15 UJ | 7.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 30 UJ | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-042514-878-880 | VPB150-GW-042814-908-910 | VPB150-GW-042914-923-925 | VPB150-GW-042914-938-940 | VPB151-GW-072114-63-65 | VPB151-GW-072114-98-100 | VPB151-GW-072314-158-160 | VPB151-GW-072314-198-200 | VPB151-GW-072414-218-220 | VPB151-GW-072514-238-240 | VPB151-GW-072514-258-260 | VPB151-GW-073014-278-280 | VPB151-GWD-073014 |
| SAMPLE DATE | 4/25/2014 | 4/28/2014 | 4/29/2014 | 4/29/2014 | 7/21/2014 | 7/21/2014 | 7/23/2014 | 7/23/2014 | 7/24/2014 | 7/25/2014 | 7/25/2014 | 7/30/2014 | 7/30/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 878 | 908 | 923 | 938 | 63 | 98 | 158 | 198 | 218 | 238 | 258 | 278 | 278 |
| BOTTOM DEPTH (FEET BGS) | 880 | 910 | 925 | 940 | 65 | 100 | 160 | 200 | 220 | 240 | 260 | 280 | 280 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 4.2 | 0.5 U | 0.5 UJ | 2.9 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 7.5 UJ | 150 UJ | 38 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 25 UJ | 500 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 25 UJ | 500 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 25 UJ | 500 UJ | 120 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 2.5 U | 25 UJ | 500 UJ | 120 UJ | 3.8 J | 5.5 J | 7.7 J | 2.5 UJ | 13 J | 13 J | 7.2 J | 16 J | 17 J |
| BENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 2.3 | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 UJ | 7.5 UJ | 150 UJ | 38 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB150 | VPB150 | VPB150 | VPB150 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB150-GW-042514-878-880 | VPB150-GW-042814-908-910 | VPB150-GW-042914-923-925 | VPB150-GW-042914-938-940 | VPB151-GW-072114-63-65 | VPB151-GW-072114-98-100 | VPB151-GW-072314-158-160 | VPB151-GW-072314-198-200 | VPB151-GW-072414-218-220 | VPB151-GW-072514-238-240 | VPB151-GW-072514-258-260 | VPB151-GW-073014-278-280 | VPB151-GWD-073014 |
| SAMPLE DATE | 4/25/2014 | 4/28/2014 | 4/29/2014 | 4/29/2014 | 7/21/2014 | 7/21/2014 | 7/23/2014 | 7/23/2014 | 7/24/2014 | 7/25/2014 | 7/25/2014 | 7/30/2014 | 7/30/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 878 | 908 | 923 | 938 | 63 | 98 | 158 | 198 | 218 | 238 | 258 | 278 | 278 |
| BOTTOM DEPTH (FEET BGS) | 880 | 910 | 925 | 940 | 65 | 100 | 160 | 200 | 220 | 240 | 260 | 280 | 280 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.58 J | 0.5 U | 0.5 UJ | 0.55 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 25 UJ | 500 UJ | 250 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 5 UJ | 100 UJ | 25 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 10 UJ | 200 UJ | 50 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 15 UJ | 300 UJ | 75 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-073014-303-305 | VPB151-GW-073114-318-320 | VPB151-GW-073114-338-340 | VPB151-GW-080114-368-370 | VPB151-GW-080114-378-380 | VPB151-GW-080114-398-400 | VPB151-GW-080414-418-420 | VPB151-GW-080414-438-440 | VPB151-GW-080514-463-465 | VPB151-GW-080514-478-480 | VPB151-GW-080514-498-500 | VPB151-GW-081114-538-540 | VPB151-GW-081114-558-560 |
| SAMPLE DATE | 7/30/2014 | 7/31/2014 | 7/31/2014 | 8/1/2014 | 8/1/2014 | 8/1/2014 | 8/4/2014 | 8/4/2014 | 8/5/2014 | 8/5/2014 | 8/5/2014 | 8/11/2014 | 8/11/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 303 | 318 | 338 | 368 | 378 | 398 | 418 | 438 | 463 | 478 | 498 | 538 | 558 |
| BOTTOM DEPTH (FEET BGS) | 305 | 320 | 340 | 370 | 380 | 400 | 420 | 440 | 465 | 480 | 500 | 540 | 560 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 1.4 J |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| ACETONE | 10 J | 7.2 J | 7.2 J | 17 J | 2.5 UJ | 4.1 J | 4.3 J | 3.7 J | 2.5 UJ | 5.1 J | 2.5 UJ | 8.2 J | 11 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.38 J | 0.26 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 U | 1 UJ | 1 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |

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| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-073014-303-305 | VPB151-GW-073114-318-320 | VPB151-GW-073114-338-340 | VPB151-GW-080114-368-370 | VPB151-GW-080114-378-380 | VPB151-GW-080114-398-400 | VPB151-GW-080414-418-420 | VPB151-GW-080414-438-440 | VPB151-GW-080514-463-465 | VPB151-GW-080514-478-480 | VPB151-GW-080514-498-500 | VPB151-GW-081114-538-540 | VPB151-GW-081114-558-560 |
| SAMPLE DATE | 7/30/2014 | 7/31/2014 | 7/31/2014 | 8/1/2014 | 8/1/2014 | 8/1/2014 | 8/4/2014 | 8/4/2014 | 8/5/2014 | 8/5/2014 | 8/5/2014 | 8/11/2014 | 8/11/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 303 | 318 | 338 | 368 | 378 | 398 | 418 | 438 | 463 | 478 | 498 | 538 | 558 |
| BOTTOM DEPTH (FEET BGS) | 305 | 320 | 340 | 370 | 380 | 400 | 420 | 440 | 465 | 480 | 500 | 540 | 560 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-081214-583-585 | VPB151-GW-081214-598-600 | VPB151-GW-081414-618-620 | VPB151-GW-081414-638-640 | VPB151-GW-081514-658-660 | VPB151-GW-D-081514 | VPB151-GW-081514-678-680 | VPB151-GW-081914-708-710 | VPB151-GW-081914-718-720 | VPB151-GW-081914-738-740 | VPB151-GW-082014-758-760 | VPB151-GW-082014-778-780 | VPB151-GW-082114-798-800 |
| SAMPLE DATE | 8/12/2014 | 8/12/2014 | 8/14/2014 | 8/14/2014 | 8/15/2014 | 8/15/2014 | 8/15/2014 | 8/19/2014 | 8/19/2014 | 8/19/2014 | 8/20/2014 | 8/20/2014 | 8/21/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 583 | 598 | 618 | 638 | 658 | 658 | 678 | 708 | 718 | 738 | 758 | 778 | 798 |
| BOTTOM DEPTH (FEET BGS) | 585 | 600 | 620 | 640 | 660 | 660 | 680 | 710 | 720 | 740 | 760 | 780 | 800 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 1.4 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 3.5 J | 2.5 U | 2.1 J | 1.6 J |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 14 J | 4 J | 3.2 J | 2.6 J | 5.4 J | 7 J | 2.5 U | 7.7 J | 7.6 J | 31 J | 5.3 J | 14 J | 15 J |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.5 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.6 UJ | 1 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |

| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-081214-583-585 | VPB151-GW-081214-598-600 | VPB151-GW-081414-618-620 | VPB151-GW-081414-638-640 | VPB151-GW-081514-658-660 | VPB151-GW-D-081514 | VPB151-GW-081514-678-680 | VPB151-GW-081914-708-710 | VPB151-GW-081914-718-720 | VPB151-GW-081914-738-740 | VPB151-GW-082014-758-760 | VPB151-GW-082014-778-780 | VPB151-GW-082114-798-800 |
| SAMPLE DATE | 8/12/2014 | 8/12/2014 | 8/14/2014 | 8/14/2014 | 8/15/2014 | 8/15/2014 | 8/15/2014 | 8/19/2014 | 8/19/2014 | 8/19/2014 | 8/20/2014 | 8/20/2014 | 8/21/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 583 | 598 | 618 | 638 | 658 | 658 | 678 | 708 | 718 | 738 | 758 | 778 | 798 |
| BOTTOM DEPTH (FEET BGS) | 585 | 600 | 620 | 640 | 660 | 660 | 680 | 710 | 720 | 740 | 760 | 780 | 800 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 J | 0.5 U | 0.98 J | 0.77 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-082114-818-820 | VPB151-GW-082214-838-840 | VPB151-GW-082214-858-860 | VPB151-GW-082514-878-880 | VPB151-GW-082614-923-925 | VPB151-GW-082714-938-940 | VPB151-GW-082714-958-960 | VPB152-GW-060314-58-60 | VPB152-GW-060314-98-100 | VPB152-GW-060314-150-152 | VPB152-GWD-060314 | VPB152-GW-060414-200-202 | VPB152-GW-060414-220-222 |
| SAMPLE DATE | 8/21/2014 | 8/22/2014 | 8/22/2014 | 8/25/2014 | 8/26/2014 | 8/27/2014 | 8/27/2014 | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/4/2014 | 6/4/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 818 | 838 | 858 | 878 | 923 | 938 | 958 | 58 | 98 | 150 | 150 | 200 | 220 |
| BOTTOM DEPTH (FEET BGS) | 820 | 840 | 860 | 880 | 925 | 940 | 960 | 60 | 100 | 152 | 152 | 202 | 222 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 2.2 J | 1.9 | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 1.8 | 2 J | 1.9 | 0.93 J | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.61 J | 0.54 J | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 7.5 UJ | 7.5 UJ | 30 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 25 UJ | 25 UJ | 100 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 25 UJ | 25 UJ | 100 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 25 UJ | 25 UJ | 100 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ |
| ACETONE | 4.5 J | 6 J | 8.4 J | 7.9 J | 25 UJ | 25 UJ | 100 UJ | 16 J | 4.4 J | 2.7 J | 2.8 J | 8.2 J | 2.5 UJ |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 10 UJ | 10 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.34 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 7.5 UJ | 7.5 UJ | 30 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |

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| LOCATION | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB151 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB151-GW-082114-818-820 | VPB151-GW-082214-838-840 | VPB151-GW-082214-858-860 | VPB151-GW-082514-878-880 | VPB151-GW-082614-923-925 | VPB151-GW-082714-938-940 | VPB151-GW-082714-958-960 | VPB152-GW-060314-58-60 | VPB152-GW-060314-98-100 | VPB152-GW-060314-150-152 | VPB152-GWD-060314 | VPB152-GW-060414-200-202 | VPB152-GW-060414-220-222 |
| SAMPLE DATE | 8/21/2014 | 8/22/2014 | 8/22/2014 | 8/25/2014 | 8/26/2014 | 8/27/2014 | 8/27/2014 | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/4/2014 | 6/4/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 818 | 838 | 858 | 878 | 923 | 938 | 958 | 58 | 98 | 150 | 150 | 200 | 220 |
| BOTTOM DEPTH (FEET BGS) | 820 | 840 | 860 | 880 | 925 | 940 | 960 | 60 | 100 | 152 | 152 | 202 | 222 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 6 J | 0.71 J |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 25 UJ | 25 UJ | 100 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 5 UJ | 5 UJ | 20 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 U | 1 U | 10 UJ | 10 UJ | 40 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 15 UJ | 15 UJ | 60 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-060514-240-242 | VPB152-GW-060514-260-262 | VPB152-GW-060514-280-282 | VPB152-GW-060514-300-302 | VPB152-GW-060614-320-322 | VPB152-GW-060614-345-347 | VPB152-GW-060914-360-362 | VPB152-GW-060914-380-382 | VPB152-GW-060914-400-402 | VPB152-GW-060914-420-422 | VPB152-GW-061014-440-442 | VPB152-GW-061014-460-462 | VPB152-GW-061014-480-482 |
| SAMPLE DATE | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 240 | 260 | 280 | 300 | 320 | 345 | 360 | 380 | 400 | 420 | 440 | 460 | 480 |
| BOTTOM DEPTH (FEET BGS) | 242 | 262 | 282 | 302 | 322 | 347 | 362 | 382 | 402 | 422 | 442 | 462 | 482 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 7.8 J | 12 J | 4 J | 3.2 J | 5.3 J | 4.4 J | 9.9 J | 6.9 J | 2.5 U | 3.1 J | 5 U | 2.5 U | 5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.26 J | 0.42 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-060514-240-242 | VPB152-GW-060514-260-262 | VPB152-GW-060514-280-282 | VPB152-GW-060514-300-302 | VPB152-GW-060614-320-322 | VPB152-GW-060614-345-347 | VPB152-GW-060914-360-362 | VPB152-GW-060914-380-382 | VPB152-GW-060914-400-402 | VPB152-GW-060914-420-422 | VPB152-GW-061014-440-442 | VPB152-GW-061014-460-462 | VPB152-GW-061014-480-482 |
| SAMPLE DATE | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 | 6/9/2014 | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 240 | 260 | 280 | 300 | 320 | 345 | 360 | 380 | 400 | 420 | 440 | 460 | 480 |
| BOTTOM DEPTH (FEET BGS) | 242 | 262 | 282 | 302 | 322 | 347 | 362 | 382 | 402 | 422 | 442 | 462 | 482 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 6.1 | 0.5 U | 6.3 | 11 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-061014-500-502 | VPB152-GW-061114-520-522 | VPB152-GW-061114-540-542 | VPB152-GW-061114-560-562 | VPB152-GW-061214-580-582 | VPB152-GW-061214-605-607 | VPB152-GW-061314-620-622 | VPB152-GW-061314-640-642 | VPB152-GWD-061314 | VPB152-GW-061614-660-662 | VPB152-GW-061614-680-682 | VPB152-GW-061614-700-702 | VPB152-GW-061714-725-727 |
| SAMPLE DATE | 6/10/2014 | 6/11/2014 | 6/11/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/13/2014 | 6/13/2014 | 6/13/2014 | 6/16/2014 | 6/16/2014 | 6/16/2014 | 6/17/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 500 | 520 | 540 | 560 | 580 | 605 | 620 | 640 | 640 | 660 | 680 | 700 | 725 |
| BOTTOM DEPTH (FEET BGS) | 502 | 522 | 542 | 562 | 582 | 607 | 622 | 642 | 642 | 662 | 682 | 702 | 727 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 75 UJ | 38 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 4.8 J | 250 UJ | 120 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 250 UJ | 120 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 250 UJ | 120 UJ |
| ACETONE | 5 U | 5 U | 2.5 U | 5 U | 5 U | 2.5 U | 14 J | 7 J | 9.5 J | 8.4 J | 22 J | 250 UJ | 120 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.4 J | 1 U | 1 U | 0.5 U | 1 U | 50 UJ | 25 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 100 UJ | 50 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 100 UJ | 50 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 75 UJ | 38 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |

# NIRIS Analytical Data Query
# Volatile Organic Compounds (VOCs) in Vertical Profile Borings
# Former NWIRP Bethpage, New York


| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-061014-500-502 | VPB152-GW-061114-520-522 | VPB152-GW-061114-540-542 | VPB152-GW-061114-560-562 | VPB152-GW-061214-580-582 | VPB152-GW-061214-605-607 | VPB152-GW-061314-620-622 | VPB152-GW-061314-640-642 | VPB152-GWD-061314 | VPB152-GW-061614-660-662 | VPB152-GW-061614-680-682 | VPB152-GW-061614-700-702 | VPB152-GW-061714-725-727 |
| SAMPLE DATE | 6/10/2014 | 6/11/2014 | 6/11/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/13/2014 | 6/13/2014 | 6/13/2014 | 6/16/2014 | 6/16/2014 | 6/16/2014 | 6/17/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 500 | 520 | 540 | 560 | 580 | 605 | 620 | 640 | 640 | 660 | 680 | 700 | 725 |
| BOTTOM DEPTH (FEET BGS) | 502 | 522 | 542 | 562 | 582 | 607 | 622 | 642 | 642 | 662 | 682 | 702 | 727 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 500 UJ | 67 J |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 3.7 J | 0.72 J | 0.79 J | 0.52 J | 0.69 J | 50 UJ | 25 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 UJ | 25 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 100 UJ | 50 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 150 UJ | 75 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

5/1/2017 3:33:13 PM

| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-061714-740-742 | VPB152-GW-061914-780-782 | VPB152-GW-061914-800-802 | VPB152-GW-062014-830-832 | VPB152-GW-062314-850-852 | VPB152-GW-062414-870-872 | VPB152-GW-062414-880-882 | VPB152-GW-062514-910-912 | VPB152-GW-062614-930-932 | VPB152-GW-062714-950-952 | VPB153-GW-111214-58-60 | VPB153-GW-111214-98-100 | VPB153-GW-111314-148-150 |
| SAMPLE DATE | 6/17/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/23/2014 | 6/24/2014 | 6/24/2014 | 6/25/2014 | 6/26/2014 | 6/27/2014 | 11/12/2014 | 11/12/2014 | 11/13/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 740 | 780 | 800 | 830 | 850 | 870 | 880 | 910 | 930 | 950 | 58 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 742 | 782 | 802 | 832 | 852 | 872 | 882 | 912 | 932 | 952 | 60 | 100 | 150 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.36 J | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 1.5 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.1 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 5 UJ | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 5 UJ | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 11 J | 7.5 J | 11 J | 10 J | 7.7 J | 5 UJ | 13 UJ | 5 UJ | 32 UJ | 46 J | 9.4 U | 5.6 U | 7.9 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 1 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.46 J | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 1.5 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB152 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB152-GW-061714-740-742 | VPB152-GW-061914-780-782 | VPB152-GW-061914-800-802 | VPB152-GW-062014-830-832 | VPB152-GW-062314-850-852 | VPB152-GW-062414-870-872 | VPB152-GW-062414-880-882 | VPB152-GW-062514-910-912 | VPB152-GW-062614-930-932 | VPB152-GW-062714-950-952 | VPB153-GW-111214-58-60 | VPB153-GW-111214-98-100 | VPB153-GW-111314-148-150 |
| SAMPLE DATE | 6/17/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/23/2014 | 6/24/2014 | 6/24/2014 | 6/25/2014 | 6/26/2014 | 6/27/2014 | 11/12/2014 | 11/12/2014 | 11/13/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 740 | 780 | 800 | 830 | 850 | 870 | 880 | 910 | 930 | 950 | 58 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 742 | 782 | 802 | 832 | 852 | 872 | 882 | 912 | 932 | 952 | 60 | 100 | 150 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 3.2 J | 6.6 J | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 5.6 | 0.5 U | 0.5 U | 3.5 | 0.5 U | 0.5 UJ | 1.4 J | 0.5 UJ | 3.8 J | 5.4 J | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 2 UJ | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 3 UJ | 3 UJ | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GW-111314-198-200 | VPB153-GW-D-111314 | VPB153-GW-111414-218-220 | VPB153-GW-111414-238-240 | VPB153-GW-111414-258-260 | VPB153-GW-111714-278-280 | VPB153-GW-111714-298-300 | VPB153-GW-111714-318-320 | VPB153-GW-111814-338-340 | VPB153-GW-111814-358-360 | VPB153-GW-111914-378-380 | VPB153-GW-111914-403-405 | VPB153-GW-112014-418-420 |
| SAMPLE DATE | 11/13/2014 | 11/13/2014 | 11/14/2014 | 11/14/2014 | 11/14/2014 | 11/17/2014 | 11/17/2014 | 11/17/2014 | 11/18/2014 | 11/18/2014 | 11/19/2014 | 11/19/2014 | 11/20/2014 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 403 | 418 |
| BOTTOM DEPTH (FEET BGS) | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 405 | 420 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 3.4 | 1.1 | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 0.24 J | 1 U | 1.3 J | 0.77 J | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 6.4 U | 2.5 U | 5.6 U | 5.3 U | 9.5 U | 9.7 U | 5.7 U | 3.9 J | 3.2 J | 4.9 J | 16 J | 7 J | 4.4 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 1 | 0.5 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 UJ | 1.2 UJ | 1 UJ | 0.5 UJ | 1 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.35 J | 0.5 U | 0.45 J | 1.3 | 0.54 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 2 UJ | 2 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.24 J | 0.5 U | 1.3 | 0.77 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GW-111314-198-200 | VPB153-GW-D-111314 | VPB153-GW-111414-218-220 | VPB153-GW-111414-238-240 | VPB153-GW-111414-258-260 | VPB153-GW-111714-278-280 | VPB153-GW-111714-298-300 | VPB153-GW-111714-318-320 | VPB153-GW-111814-338-340 | VPB153-GW-111814-358-360 | VPB153-GW-111914-378-380 | VPB153-GW-111914-403-405 | VPB153-GW-112014-418-420 |
| SAMPLE DATE | 11/13/2014 | 11/13/2014 | 11/14/2014 | 11/14/2014 | 11/14/2014 | 11/17/2014 | 11/17/2014 | 11/17/2014 | 11/18/2014 | 11/18/2014 | 11/19/2014 | 11/19/2014 | 11/20/2014 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 403 | 418 |
| BOTTOM DEPTH (FEET BGS) | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 405 | 420 |
| METHYL TERT-BUTYL ETHER | 0.54 J | 0.5 U | 0.48 J | 2.6 | 2.4 | 5.2 | 0.46 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.98 J | 0.5 U | 1.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 21 J | 0.5 UJ | 53 | 51 | 4.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GWD-112014 | VPB153-GW-112014-438-440 | VPB153-GW-112114-458-460 | VPB153-GW-112514-483-485 | VPB153-GW-112514-498-500 | VPB153-GW-112614-518-520 | VPB153-GW-120114-538-540 | VPB153-GW-120214-578-580 | VPB153-GW-120314-603-605 | VPB153-GW-120314-618-620 | VPB153-GW-120414-638-640 | VPB153-GW-120414-658-660 | VPB153-GW-120514-678-680 |
| SAMPLE DATE | 11/20/2014 | 11/20/2014 | 11/21/2014 | 11/25/2014 | 11/25/2014 | 11/26/2014 | 12/1/2014 | 12/2/2014 | 12/3/2014 | 12/3/2014 | 12/4/2014 | 12/4/2014 | 12/5/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 483 | 498 | 518 | 538 | 578 | 603 | 618 | 638 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 460 | 485 | 500 | 520 | 540 | 580 | 605 | 620 | 640 | 660 | 680 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 1.6 J | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U |
| ACETONE | 5.8 J | 4.5 J | 14 J | 9.4 UJ | 5 UJ | 5 U | 12 UJ | 13 UJ | 5 U | 5.7 UJ | 7.7 U | 17 UJ | 5 U |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| CARBON DISULFIDE | 1 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CHLOROMETHANE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |

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| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GWD-112014 | VPB153-GW-112014-438-440 | VPB153-GW-112114-458-460 | VPB153-GW-112514-483-485 | VPB153-GW-112514-498-500 | VPB153-GW-112614-518-520 | VPB153-GW-120114-538-540 | VPB153-GW-120214-578-580 | VPB153-GW-120314-603-605 | VPB153-GW-120314-618-620 | VPB153-GW-120414-638-640 | VPB153-GW-120414-658-660 | VPB153-GW-120514-678-680 |
| SAMPLE DATE | 11/20/2014 | 11/20/2014 | 11/21/2014 | 11/25/2014 | 11/25/2014 | 11/26/2014 | 12/1/2014 | 12/2/2014 | 12/3/2014 | 12/3/2014 | 12/4/2014 | 12/4/2014 | 12/5/2014 |
| SAMPLE CODE | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 483 | 498 | 518 | 538 | 578 | 603 | 618 | 638 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 460 | 485 | 500 | 520 | 540 | 580 | 605 | 620 | 640 | 660 | 680 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 UJ | 1 U |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GW-120514-698-700 | VPB153-GW-120814-718-720 | VPB153-GW-120814-738-740 | VPB153-GW-121514-798-800 | VPB153-GW-121514-818-820 | VPB153-GW-121514-838-840 | VPB153-GW-121614-878-880 | VPB153-GW-121614-898-900 | VPB153-GW-121614-918-920 | VPB154-GW-080714-58-60 | VPB154-GW-080714-98-100 | VPB154-GW-080714-148-150 | VPB154-GWD-080714 |
| SAMPLE DATE | 12/5/2014 | 12/8/2014 | 12/8/2014 | 12/15/2014 | 12/15/2014 | 12/15/2014 | 12/16/2014 | 12/16/2014 | 12/16/2014 | 8/7/2014 | 8/7/2014 | 8/7/2014 | 8/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 798 | 818 | 838 | 878 | 898 | 918 | 58 | 98 | 148 | 148 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 800 | 820 | 840 | 880 | 900 | 920 | 60 | 100 | 150 | 150 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 3 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ | 1.7 J | 2.5 J | 2 J | 2.5 UJ | 2.1 J | 2.5 U | 2.5 U | 2.5 U | 2.9 J |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 13 UJ | 2.5 UJ | 10 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 7.7 | 8.3 | 12 | 13 |
| BENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.33 J | 0.5 U |
| CHLOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 3 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB153 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB153-GW-120514-698-700 | VPB153-GW-120814-718-720 | VPB153-GW-120814-738-740 | VPB153-GW-121514-798-800 | VPB153-GW-121514-818-820 | VPB153-GW-121514-838-840 | VPB153-GW-121614-878-880 | VPB153-GW-121614-898-900 | VPB153-GW-121614-918-920 | VPB154-GW-080714-58-60 | VPB154-GW-080714-98-100 | VPB154-GW-080714-148-150 | VPB154-GWD-080714 |
| SAMPLE DATE | 12/5/2014 | 12/8/2014 | 12/8/2014 | 12/15/2014 | 12/15/2014 | 12/15/2014 | 12/16/2014 | 12/16/2014 | 12/16/2014 | 8/7/2014 | 8/7/2014 | 8/7/2014 | 8/7/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 798 | 818 | 838 | 878 | 898 | 918 | 58 | 98 | 148 | 148 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 800 | 820 | 840 | 880 | 900 | 920 | 60 | 100 | 150 | 150 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.3 J | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 UJ | 0.5 UJ | 2.8 J | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 4 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 UJ | 1.5 UJ | 6 UJ | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-080814-198-200 | VPB154-GW-080814-228-230 | VPB154-GW-081114-238-240 | VPB154-GW-081214-258-260 | VPB154-GW-081214-278-280 | VPB154-GW-081214-298-300 | VPB154-GW-081214-318-320 | VPB154-GW-081414-338-340 | VPB154-GW-081414-358-360 | VPB154-GW-081414-378-380 | VPB154-GW-081514-398-400 | VPB154-GW-081514-418-420 | VPB154-GW-081514-438-440 |
| SAMPLE DATE | 8/8/2014 | 8/8/2014 | 8/11/2014 | 8/12/2014 | 8/12/2014 | 8/12/2014 | 8/12/2014 | 8/14/2014 | 8/14/2014 | 8/14/2014 | 8/15/2014 | 8/15/2014 | 8/15/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 228 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 230 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.21 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.25 J | 0.26 J |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1.7 | 10 | 14 | 0.5 U | 16 | 30 | 16 J | 13 | 0.5 UJ | 0.41 J | 0.5 UJ | 16 J | 14 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.61 J | 0.81 J | 0.5 U | 1 U | 1.2 U | 1 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.56 J | 0.49 J |
| 1,1-DICHLOROETHENE | 0.5 U | 1.2 J | 1.5 J | 0.5 U | 2.2 J | 3.3 J | 2.2 J | 1.5 J | 0.5 UJ | 0.5 U | 0.5 U | 1.9 | 1.7 |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.34 J | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 0.89 J | 2.6 | 4.1 | 1 U | 4.8 | 5.2 | 2.8 J | 2.3 | 1 UJ | 1 U | 1 U | 2.6 | 3 |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 20 J | 2.7 J | 3.4 J | 7 J | 3.7 J | 2.5 U | 1.9 J | 1.5 J | 3.8 J | 2.5 U | 2.7 J | 2.5 U | 4.9 J |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 72 J | 9.8 J | 16 J | 48 J | 15 UJ | 5 UJ | 5 UJ | 5 UJ | 17 UJ | 5 UJ | 12 | 8.3 | 17 |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.26 J | 0.25 J | 0.3 J | 1 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.5 U | 1.4 | 0.86 J | 0.5 U | 1 U | 1 U | 1 U | 1 U | 0.5 UJ | 0.5 U | 0.5 U | 0.87 J | 0.76 J |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.89 J | 2.6 | 4.1 | 0.5 U | 4.8 | 5.2 | 2.8 J | 2.3 | 0.5 UJ | 0.5 U | 0.5 U | 2.6 | 3 |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 0.7 J | 0.35 J | 1 U | 0.33 J | 0.74 J | 0.79 J | 1.3 J | 1 UJ | 1 U | 1 U | 1 J | 0.97 J |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-080814-198-200 | VPB154-GW-080814-228-230 | VPB154-GW-081114-238-240 | VPB154-GW-081214-258-260 | VPB154-GW-081214-278-280 | VPB154-GW-081214-298-300 | VPB154-GW-081214-318-320 | VPB154-GW-081414-338-340 | VPB154-GW-081414-358-360 | VPB154-GW-081414-378-380 | VPB154-GW-081514-398-400 | VPB154-GW-081514-418-420 | VPB154-GW-081514-438-440 |
| SAMPLE DATE | 8/8/2014 | 8/8/2014 | 8/11/2014 | 8/12/2014 | 8/12/2014 | 8/12/2014 | 8/12/2014 | 8/14/2014 | 8/14/2014 | 8/14/2014 | 8/15/2014 | 8/15/2014 | 8/15/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 228 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 230 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 1 | 0.5 U | 0.45 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 3.2 | 4.8 | 5.1 | 0.5 U | 7.1 | 8 | 7.5 J | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 4.8 | 5 |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 31 | 180 | 190 | 0.5 U | 200 | 200 | 180 | 26 | 1.5 J | 0.34 J | 0.5 U | 170 | 190 |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-081814-458-460 | VPB154-GW-081814-483-485 | VPB154-GW-081914-503-505 | VPB154-GW-081914-518-520 | VPB154-GW-082014-538-540 | VPB154-GW-082014-558-560 | VPB154-GW-082014-578-580 | VPB154-GW-082114-598-600 | VPB154-GW-082114-618-620 | VPB154-GW-082114-638-640 | VPB154-GWD-082114 | VPB154-GW-082214-663-665 | VPB154-GW-082214-678-680 |
| SAMPLE DATE | 8/18/2014 | 8/18/2014 | 8/19/2014 | 8/19/2014 | 8/20/2014 | 8/20/2014 | 8/20/2014 | 8/21/2014 | 8/21/2014 | 8/21/2014 | 8/21/2014 | 8/22/2014 | 8/22/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 483 | 503 | 518 | 538 | 558 | 578 | 598 | 618 | 638 | 638 | 663 | 678 |
| BOTTOM DEPTH (FEET BGS) | 460 | 485 | 505 | 520 | 540 | 560 | 580 | 600 | 620 | 640 | 640 | 665 | 680 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.53 J | 0.41 J | 0.87 J | 1.1 | 2.6 | 1.3 | 3.7 | 2.5 | 2.5 | 2 J | 0.37 J |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 10 J | 7.7 J | 20 J | 26 J | 61 J | 57 J | 120 J | 41 J | 70 J | 69 J | 70 J | 84 J | 21 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.4 J | 0.5 J | 1.1 | 0.98 J | 1.8 | 1.1 | 1.6 | 1.6 | 1.6 | 1.2 J | 0.53 J |
| 1,1-DICHLOROETHANE | 0.44 J | 0.24 J | 0.5 U | 0.79 J | 2.6 | 2.6 | 3.6 | 1.8 | 4.7 | 4.5 | 4.4 | 2.6 J | 0.97 J |
| 1,1-DICHLOROETHENE | 1.1 | 0.71 J | 2.9 J | 5.5 J | 18 J | 19 J | 39 J | 14 J | 44 J | 29 J | 28 J | 16 J | 3.2 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 2.4 | 1.6 J | 2.2 | 2.3 | 4.4 | 3.9 | 5.2 | 2.2 | 3.1 | 4.4 | 4.1 | 3.9 J | 2.1 |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 4 J | 2.5 U | 2.5 U | 2.5 U | 3.8 J | 2.4 J | 2.5 U | 4.5 J | 2.3 J | 1.4 J | 1.5 J | 2.4 J | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 22 | 9.7 | 8.4 J | 8.3 J | 20 J | 9.6 J | 8.3 J | 12 J | 10 J | 6.2 J | 6.2 J | 10 J | 8.7 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| CARBON DISULFIDE | 1 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 1 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.4 J | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.39 J |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.43 J | 0.5 U | 1.4 | 0.74 J | 1.1 | 0.98 J | 1.2 | 1.6 | 1.5 | 1.3 | 1.3 | 1.6 J | 0.78 J |
| CHLOROMETHANE | 1 U | 1 U | 2 U | 1 U | 2 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 2.4 | 1.6 | 2.2 | 2.3 | 4.4 | 3.9 | 5.2 | 2.2 | 3.1 | 4.4 | 4.1 | 3.9 J | 2.1 |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 0.43 J | 0.41 J | 2 | 0.66 J | 0.49 J | 0.49 J | 0.79 J | 0.87 J | 0.54 J | 0.39 J | 0.34 J | 0.26 J | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-081814-458-460 | VPB154-GW-081814-483-485 | VPB154-GW-081914-503-505 | VPB154-GW-081914-518-520 | VPB154-GW-082014-538-540 | VPB154-GW-082014-558-560 | VPB154-GW-082014-578-580 | VPB154-GW-082114-598-600 | VPB154-GW-082114-618-620 | VPB154-GW-082114-638-640 | VPB154-GWD-082114 | VPB154-GW-082214-663-665 | VPB154-GW-082214-678-680 |
| SAMPLE DATE | 8/18/2014 | 8/18/2014 | 8/19/2014 | 8/19/2014 | 8/20/2014 | 8/20/2014 | 8/20/2014 | 8/21/2014 | 8/21/2014 | 8/21/2014 | 8/21/2014 | 8/22/2014 | 8/22/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 483 | 503 | 518 | 538 | 558 | 578 | 598 | 618 | 638 | 638 | 663 | 678 |
| BOTTOM DEPTH (FEET BGS) | 460 | 485 | 505 | 520 | 540 | 560 | 580 | 600 | 620 | 640 | 640 | 665 | 680 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 5.4 | 6.6 | 0.5 U | 3.4 | 12 | 10 | 8.4 | 0.4 J | 1.7 | 5.6 | 5.6 | 0.5 U | 2.8 |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 180 | 160 | 160 | 340 | 970 | 900 | 1800 J | 350 J | 810 J | 1800 J | 1600 J | 600 | 550 |
| TRICHLOROFLUOROMETHANE | 0.28 J | 0.34 J | 1 U | 1 U | 0.42 J | 0.47 J | 0.8 J | 1 U | 0.37 J | 0.4 J | 0.42 J | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-082514-698-700 | VPB154-GW-082514-718-720 | VPB154-GW-082514-738-740 | VPB154-GW-082714-763-765 | VPB154-GW-082714-778-780 | VPB154-GW-082814-798-800 | VPB154-GW-082814-818-820 | VPB154-GW-082914-838-840 | VPB154-GW-082914-858-860 | VPB154-GW-090214-908-910 | VPB154-GW-090314-918-920 | VPB155-GW-072715-58-60 | VPB155-GW-072815-98-100 |
| SAMPLE DATE | 8/25/2014 | 8/25/2014 | 8/25/2014 | 8/27/2014 | 8/27/2014 | 8/28/2014 | 8/28/2014 | 8/29/2014 | 8/29/2014 | 9/2/2014 | 9/3/2014 | 7/27/2015 | 7/28/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 763 | 778 | 798 | 818 | 838 | 858 | 908 | 918 | 58 | 98 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 765 | 780 | 800 | 820 | 840 | 860 | 910 | 920 | 60 | 100 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.6 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 30 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.68 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 1.5 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 6 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 15 UJ | 1.5 UJ | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 38 UJ | 38 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 2.9 J | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 5.3 J | 50 UJ | 5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 9.8 | 10 | 120 UJ | 120 UJ | 2.5 UJ | 2.1 J |
| 2-HEXANONE | 2.5 UJ | 50 UJ | 5 UJ | 2.5 U | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 120 UJ | 120 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 50 UJ | 5 UJ | 2.5 U | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 120 UJ | 120 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 26 J | 50 UJ | 15 J | 13 J | 38 J | 13 J | 5.9 J | 23 J | 22 J | 120 UJ | 120 UJ | 19 J | 6.9 J |
| BENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 J | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 1 UJ | 10 UJ | 1 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 10 UJ | 0.69 J | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.67 J | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 1.2 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 2.9 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 15 UJ | 1.5 UJ | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 38 UJ | 38 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB154 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB154-GW-082514-698-700 | VPB154-GW-082514-718-720 | VPB154-GW-082514-738-740 | VPB154-GW-082714-763-765 | VPB154-GW-082714-778-780 | VPB154-GW-082814-798-800 | VPB154-GW-082814-818-820 | VPB154-GW-082914-838-840 | VPB154-GW-082914-858-860 | VPB154-GW-090214-908-910 | VPB154-GW-090314-918-920 | VPB155-GW-072715-58-60 | VPB155-GW-072815-98-100 |
| SAMPLE DATE | 8/25/2014 | 8/25/2014 | 8/25/2014 | 8/27/2014 | 8/27/2014 | 8/28/2014 | 8/28/2014 | 8/29/2014 | 8/29/2014 | 9/2/2014 | 9/3/2014 | 7/27/2015 | 7/28/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 763 | 778 | 798 | 818 | 838 | 858 | 908 | 918 | 58 | 98 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 765 | 780 | 800 | 820 | 840 | 860 | 910 | 920 | 60 | 100 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 50 UJ | 5 UJ | 2.5 U | 5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 120 UJ | 120 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 4.6 J | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.78 J | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 10 UJ | 1 UJ | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 700 J | 10 UJ | 1.4 J | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 25 UJ | 25 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 20 UJ | 2 UJ | 1 U | 2 UJ | 1 U | 1 U | 1 U | 1 U | 50 UJ | 50 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 30 UJ | 3 UJ | 1.5 U | 3 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 75 UJ | 75 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-073015-148-150 | VPB155-GW-073015-198-200 | VPB155-GW-D-073015 | VPB155-GW-073115-218-220 | VPB155-GW-073115-238-240 | VPB155-GW-073115-258-260 | VPB155-GW-080315-278-280 | VPB155-GW-080315-298-300 | VPB155-GW-080315-318-320 | VPB155-GW-080415-338-340 | VPB155-GW-080415-358-360 | VPB155-GW-080415-378-380 | VPB155-GW-080515-398-400 |
| SAMPLE DATE | 7/30/2015 | 7/30/2015 | 7/30/2015 | 7/31/2015 | 7/31/2015 | 7/31/2015 | 8/3/2015 | 8/3/2015 | 8/3/2015 | 8/4/2015 | 8/4/2015 | 8/4/2015 | 8/5/2015 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 |
| BOTTOM DEPTH (FEET BGS) | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 2.2 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.43 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.37 J | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 5 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 1.9 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 1.4 J |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ |
| ACETONE | 23 J | 3.4 J | 3.6 J | 6.8 J | 2.4 J | 2.4 J | 12 J | 2.5 UJ | 2.7 J | 5.8 J | 3.2 J | 10 J | 7.6 J |
| BENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.98 J | 0.71 J | 2 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.39 J | 0.41 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.37 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.62 J | 1 UJ | 0.64 J | 4 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |

| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-073015-148-150 | VPB155-GW-073015-198-200 | VPB155-GW-D-073015 | VPB155-GW-073115-218-220 | VPB155-GW-073115-238-240 | VPB155-GW-073115-258-260 | VPB155-GW-080315-278-280 | VPB155-GW-080315-298-300 | VPB155-GW-080315-318-320 | VPB155-GW-080415-338-340 | VPB155-GW-080415-358-360 | VPB155-GW-080415-378-380 | VPB155-GW-080515-398-400 |
| SAMPLE DATE | 7/30/2015 | 7/30/2015 | 7/30/2015 | 7/31/2015 | 7/31/2015 | 7/31/2015 | 8/3/2015 | 8/3/2015 | 8/3/2015 | 8/4/2015 | 8/4/2015 | 8/4/2015 | 8/5/2015 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 148 | 198 | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 |
| BOTTOM DEPTH (FEET BGS) | 150 | 200 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 1 J | 1 J | 1.6 J | 1.7 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRICHLOROETHENE | 1.7 J | 2 J | 1.9 J | 16 J | 38 J | 0.42 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 6 UJ | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-080515-418-420 | VPB155-GW-080515-438-440 | VPB155-GW-080615-458-460 | VPB155-GW-080615-478-480 | VPB155-GW-D-080615 | VPB155-GW-080615-498-500 | VPB155-GW-080715-518-520 | VPB155-GW-080715-538-540 | VPB155-GW-081015-558-560 | VPB155-GW-081015-578-580 | VPB155-GW-081015-598-600 | VPB155-GW-081115-618-620 | VPB155-GW-081215-658-660 |
| SAMPLE DATE | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/6/2015 | 8/6/2015 | 8/7/2015 | 8/7/2015 | 8/10/2015 | 8/10/2015 | 8/10/2015 | 8/11/2015 | 8/12/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 478 | 478 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 658 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 460 | 480 | 480 | 500 | 520 | 540 | 560 | 580 | 600 | 620 | 660 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4.4 J | 4.1 J | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,1,2-TRICHLOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,1-DICHLOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,1-DICHLOROETHENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1.6 J | 1.2 J | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 30 UJ |
| 1,2-DIBROMOETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,2-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,2-DICHLOROETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.95 J | 0.54 J | 1 UJ | 1 UJ | 40 UJ |
| 1,2-DICHLOROPROPANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,3-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,4-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.1 J | 100 UJ |
| 2-HEXANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 100 UJ |
| 4-METHYL-2-PENTANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 100 UJ |
| ACETONE | 10 UJ | 3 J | 4.9 J | 2.4 J | 2.5 UJ | 2.9 J | 5.8 J | 3.9 J | 14 J | 3.4 J | 3.7 J | 11 J | 100 UJ |
| BENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| BROMOFORM | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| BROMOMETHANE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 40 UJ |
| CARBON DISULFIDE | 2 UJ | 0.5 UJ | 0.32 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.4 J | 20 UJ |
| CARBON TETRACHLORIDE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| CHLOROBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| CHLOROETHANE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 40 UJ |
| CHLOROFORM | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 J | 0.65 J | 0.5 UJ | 0.5 UJ | 20 UJ |
| CHLOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.94 J | 40 UJ |
| CIS-1,2-DICHLOROETHENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.95 J | 0.54 J | 0.5 UJ | 0.5 UJ | 20 UJ |
| CIS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| CYCLOHEXANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| DIBROMOCHLOROMETHANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| DICHLORODIFLUOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 0.25 J | 1 UJ | 1.1 J | 1 UJ | 0.27 J | 0.9 J | 0.84 J | 1 UJ | 1 UJ | 40 UJ |
| ETHYLBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| ISOPROPYLBENZENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| M- AND P-XYLENE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 40 UJ |
| METHYL ACETATE | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 30 UJ |
| METHYL CYCLOHEXANE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |

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| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-080515-418-420 | VPB155-GW-080515-438-440 | VPB155-GW-080615-458-460 | VPB155-GW-080615-478-480 | VPB155-GW-D-080615 | VPB155-GW-080615-498-500 | VPB155-GW-080715-518-520 | VPB155-GW-080715-538-540 | VPB155-GW-081015-558-560 | VPB155-GW-081015-578-580 | VPB155-GW-081015-598-600 | VPB155-GW-081115-618-620 | VPB155-GW-081215-658-660 |
| SAMPLE DATE | 8/5/2015 | 8/5/2015 | 8/6/2015 | 8/6/2015 | 8/6/2015 | 8/6/2015 | 8/7/2015 | 8/7/2015 | 8/10/2015 | 8/10/2015 | 8/10/2015 | 8/11/2015 | 8/12/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 478 | 478 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 658 |
| BOTTOM DEPTH (FEET BGS) | 420 | 440 | 460 | 480 | 480 | 500 | 520 | 540 | 560 | 580 | 600 | 620 | 660 |
| METHYL TERT-BUTYL ETHER | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| METHYLENE CHLORIDE | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 100 UJ |
| O-XYLENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| STYRENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| TETRACHLOROETHENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| TOLUENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| TRANS-1,2-DICHLOROETHENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| TRANS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 20 UJ |
| TRICHLOROETHENE | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 45 J | 16 J | 0.5 UJ | 0.5 UJ | 20 UJ |
| TRICHLOROFLUOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 40 UJ |
| VINYL CHLORIDE | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 40 UJ |
| XYLENES, TOTAL | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 60 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-081215-678-680 | VPB155-GW-081315-698-700 | VPB155-GW-081315-718-720 | VPB155-081415-738-740 | VPB155-081415-758-760 | VPB155-GW-082015-883-885 | VPB155-081715-778-780 | VPB155-081715-798-800 | VPB155-GW-082015-858-860 | VPB155-GW-082115-923-925 | VPB156-GW-060214-63-65 | VPB156-GW-060214-98-100 | VPB156-GW-060314-148-150 |
| SAMPLE DATE | 8/12/2015 | 8/13/2015 | 8/13/2015 | 8/14/2015 | 8/14/2015 | 8/20/2015 | 8/17/2015 | 8/17/2015 | 8/20/2015 | 8/21/2015 | 6/2/2014 | 6/2/2014 | 6/3/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 678 | 698 | 718 | 738 | 758 | 773 | 778 | 798 | 858 | 923 | 63 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 680 | 700 | 720 | 740 | 760 | 775 | 780 | 800 | 860 | 925 | 65 | 100 | 150 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 3 UJ | 3 UJ | 3 UJ | 15 UJ | 6 UJ | 0.75 UJ | 3 UJ | 6 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 10 UJ | 10 UJ | 10 UJ | 50 UJ | 20 UJ | 2.5 UJ | 10 UJ | 20 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 10 UJ | 10 UJ | 10 UJ | 50 UJ | 20 UJ | 2.5 UJ | 10 UJ | 20 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 10 UJ | 10 UJ | 10 UJ | 50 UJ | 20 UJ | 2.5 UJ | 10 UJ | 20 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 19 J | 16 J | 28 J | 50 UJ | 20 UJ | 3.9 J | 38 J | 22 J | 7.1 J | 10 UJ | 14 J | 2.5 U | 6 J |
| BENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.6 J | 0.5 U | 0.5 U |
| CHLOROMETHANE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| METHYL ACETATE | 3 UJ | 3 UJ | 3 UJ | 15 UJ | 6 UJ | 0.75 UJ | 3 UJ | 6 UJ | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB155 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB155-GW-081215-678-680 | VPB155-GW-081315-698-700 | VPB155-GW-081315-718-720 | VPB155-081415-738-740 | VPB155-081415-758-760 | VPB155-GW-082015-883-885 | VPB155-081715-778-780 | VPB155-081715-798-800 | VPB155-GW-082015-858-860 | VPB155-GW-082115-923-925 | VPB156-GW-060214-63-65 | VPB156-GW-060214-98-100 | VPB156-GW-060314-148-150 |
| SAMPLE DATE | 8/12/2015 | 8/13/2015 | 8/13/2015 | 8/14/2015 | 8/14/2015 | 8/20/2015 | 8/17/2015 | 8/17/2015 | 8/20/2015 | 8/21/2015 | 6/2/2014 | 6/2/2014 | 6/3/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 678 | 698 | 718 | 738 | 758 | 773 | 778 | 798 | 858 | 923 | 63 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 680 | 700 | 720 | 740 | 760 | 775 | 780 | 800 | 860 | 925 | 65 | 100 | 150 |
| METHYL TERT-BUTYL ETHER | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 10 UJ | 10 UJ | 10 UJ | 50 UJ | 20 UJ | 2.5 UJ | 10 UJ | 20 UJ | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 2 UJ | 2 UJ | 2 UJ | 10 UJ | 4 UJ | 0.5 UJ | 2 UJ | 4 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 4 UJ | 4 UJ | 4 UJ | 20 UJ | 8 UJ | 1 UJ | 4 UJ | 8 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 6 UJ | 6 UJ | 6 UJ | 30 UJ | 12 UJ | 1.5 UJ | 6 UJ | 12 UJ | 1.5 UJ | 6 UJ | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

5/1/2017 3:33:13 PM

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-060314-198-200 | VPB156-GW-060314-218-220 | VPB156-GWD-060314 | VPB156-GW-060414-238-240 | VPB156-GW-060414-258-260 | VPB156-GW-060414-278-280 | VPB156-GW-060514-303-305 | VPB156-GW-060514-318-320 | VPB156-GW-060514-338-340 | VPB156-GW-060614-358-360 | VPB156-GW-060614-378-380 | VPB156-GW-060614-398-400 | VPB156-GW-060914-423-425 |
| SAMPLE DATE | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/4/2014 | 6/4/2014 | 6/4/2014 | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 218 | 238 | 258 | 278 | 303 | 318 | 338 | 358 | 378 | 398 | 423 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 220 | 240 | 260 | 280 | 305 | 320 | 340 | 360 | 380 | 400 | 425 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.2 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.28 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 10 J | 4.6 J | 5.8 J | 8.2 J | 2.5 U | 3.9 J | 2.5 U | 2.5 U | 7 J | 7.4 | 5 | 4.7 J | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.28 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.43 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-060314-198-200 | VPB156-GW-060314-218-220 | VPB156-GWD-060314 | VPB156-GW-060414-238-240 | VPB156-GW-060414-258-260 | VPB156-GW-060414-278-280 | VPB156-GW-060514-303-305 | VPB156-GW-060514-318-320 | VPB156-GW-060514-338-340 | VPB156-GW-060614-358-360 | VPB156-GW-060614-378-380 | VPB156-GW-060614-398-400 | VPB156-GW-060914-423-425 |
| SAMPLE DATE | 6/3/2014 | 6/3/2014 | 6/3/2014 | 6/4/2014 | 6/4/2014 | 6/4/2014 | 6/5/2014 | 6/5/2014 | 6/5/2014 | 6/6/2014 | 6/6/2014 | 6/6/2014 | 6/9/2014 |
| SAMPLE CODE | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 218 | 238 | 258 | 278 | 303 | 318 | 338 | 358 | 378 | 398 | 423 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 220 | 240 | 260 | 280 | 305 | 320 | 340 | 360 | 380 | 400 | 425 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.1 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 21 J | 0.5 J | 0.5 U | 0.55 J | 0.5 U | 4 |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-060914-438-440 | VPB156-GW-061014-458-460 | VPB156-GW-061014-488-490 | VPB156-GW-061014-498-500 | VPB156-GW-061114-528-530 | VPB156-GW-061214-538-540 | VPB156-GW-061214-558-560 | VPB156-GWD-061214 | VPB156-GW-061214-578-580 | VPB156-GW-061314-598-600 | VPB156-GW-061314-618-620 | VPB156-GW-061314-638-640 | VPB156-GW-061614-658-660 |
| SAMPLE DATE | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/13/2014 | 6/13/2014 | 6/13/2014 | 6/16/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 438 | 458 | 488 | 498 | 528 | 538 | 558 | 558 | 578 | 598 | 618 | 638 | 658 |
| BOTTOM DEPTH (FEET BGS) | 440 | 460 | 490 | 500 | 530 | 540 | 560 | 560 | 580 | 600 | 620 | 640 | 660 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.82 J | 0.75 J | 1 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 | 3.9 | 5 UJ | 1.8 J | 1.7 J | 11 | 32 | 14 | 1 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.43 J | 0.39 J | 1.3 | 3.6 | 2.5 | 1 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.88 J | 2 | 5.8 | 1 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 | 5 UJ | 0.54 J | 0.74 J | 6 | 8.3 | 3.7 | 1 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 7.5 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 1.5 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 1 UJ | 1 U | 0.92 J | 10 UJ | 0.52 J | 0.63 J | 2.6 | 7.5 | 7.3 | 2 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 25 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 25 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ |
| ACETONE | 6.7 J | 6.7 | 7.9 J | 4.6 J | 5.3 | 25 UJ | 9 J | 8.4 J | 2.9 J | 2.5 U | 4.9 J | 18 J | 24 J |
| BENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 2 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 1 UJ | 5 UJ | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.29 J |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.34 J | 5 UJ | 0.5 UJ | 0.5 UJ | 0.41 J | 6.2 | 1.1 | 1 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 10 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.39 J | 5 UJ | 0.36 J | 0.37 J | 0.95 J | 6.7 | 4.5 | 1 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 2 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.92 J | 5 UJ | 0.52 J | 0.63 J | 2.6 | 7.5 | 6.8 | 1 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 10 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 2 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 7.5 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 1.5 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |

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| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-060914-438-440 | VPB156-GW-061014-458-460 | VPB156-GW-061014-488-490 | VPB156-GW-061014-498-500 | VPB156-GW-061114-528-530 | VPB156-GW-061214-538-540 | VPB156-GW-061214-558-560 | VPB156-GWD-061214 | VPB156-GW-061214-578-580 | VPB156-GW-061314-598-600 | VPB156-GW-061314-618-620 | VPB156-GW-061314-638-640 | VPB156-GW-061614-658-660 |
| SAMPLE DATE | 6/9/2014 | 6/10/2014 | 6/10/2014 | 6/10/2014 | 6/11/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/12/2014 | 6/13/2014 | 6/13/2014 | 6/13/2014 | 6/16/2014 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 438 | 458 | 488 | 498 | 528 | 538 | 558 | 558 | 578 | 598 | 618 | 638 | 658 |
| BOTTOM DEPTH (FEET BGS) | 440 | 460 | 490 | 500 | 530 | 540 | 560 | 560 | 580 | 600 | 620 | 640 | 660 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 50 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.42 J | 0.83 J | 0.5 UJ | 2.4 | 2.6 | 5 UJ | 0.92 J | 1 J | 5.3 | 1.9 | 3.9 | 1 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.37 J |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.46 J | 1 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.68 J | 3.2 | 1.3 J | 67 | 600 | 14 J | 680 J | 620 J | 2800 | 8200 | 5200 | 48 J | 11 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 2 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 10 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 2 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 15 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 3 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-061714-718-720 | VPB156-GW-061814-738-740 | VPB156-GW-061814-758-760 | VPB156-GW-061814-778-780 | VPB156-GW-061914-808-810 | VPB156-GW-061914-818-820 | VPB156-GW-062014-838-840 | VPB156-GW-062014-858-860 | VPB156-GW-062314-878-880 | VPB157-GW-051815-58-60 | VPB157-GW-051915-98-100 | VPB157-GW-D-051915 | VPB157-GW-052115-148-150 |
| SAMPLE DATE | 6/17/2014 | 6/18/2014 | 6/18/2014 | 6/18/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/20/2014 | 6/23/2014 | 5/18/2015 | 5/19/2015 | 5/19/2015 | 5/21/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 718 | 738 | 758 | 778 | 808 | 818 | 838 | 858 | 878 | 58 | 98 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 720 | 740 | 760 | 780 | 810 | 820 | 840 | 860 | 880 | 60 | 100 | 100 | 150 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 0.72 J | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.4 J | 5 UJ | 2.5 UJ | 2.5 UJ | 3.5 J | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.8 J | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 10 | 28 J | 15 | 2.5 U | 46 J | 28 J | 6.2 | 5.3 | 47 J | 20 | 3.9 J | 3.6 J | 4.4 J |
| BENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.28 J | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 2 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.35 J | 1 UJ | 0.27 J | 0.5 U | 0.38 J | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 2 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.72 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UR | 1 UR | 1 U |
| ETHYLBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 2 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 1.5 UJ | 0.75 U | 0.75 U | 0.75 UJ | 1.5 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 1 UJ | 0.34 J | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB156 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB156-GW-061714-718-720 | VPB156-GW-061814-738-740 | VPB156-GW-061814-758-760 | VPB156-GW-061814-778-780 | VPB156-GW-061914-808-810 | VPB156-GW-061914-818-820 | VPB156-GW-062014-838-840 | VPB156-GW-062014-858-860 | VPB156-GW-062314-878-880 | VPB157-GW-051815-58-60 | VPB157-GW-051915-98-100 | VPB157-GW-D-051915 | VPB157-GW-052115-148-150 |
| SAMPLE DATE | 6/17/2014 | 6/18/2014 | 6/18/2014 | 6/18/2014 | 6/19/2014 | 6/19/2014 | 6/20/2014 | 6/20/2014 | 6/23/2014 | 5/18/2015 | 5/19/2015 | 5/19/2015 | 5/21/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 718 | 738 | 758 | 778 | 808 | 818 | 838 | 858 | 878 | 58 | 98 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 720 | 740 | 760 | 780 | 810 | 820 | 840 | 860 | 880 | 60 | 100 | 100 | 150 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 1.4 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.32 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.81 J | 1.8 J | 0.5 U | 0.5 U | 0.5 UJ | 1 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.45 J | 0.46 J | 0.49 J | 0.54 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 2 UJ | 1 U | 1 U | 1 UJ | 2 UJ | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 3 UJ | 1.5 U | 1.5 U | 1.5 UJ | 3 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-052115-198-200 | VPB157-GW-052115-218-220 | VPB157-052215-238-240 | VPB157-052215-258-260 | VPB157-052215-278-280 | VPB157-052615-298-300 | VPB157-052615-318-320 | VPB157-052615-338-340 | VPB157-GW-052715-358-360 | VPB157-GW-052715-378-380 | VPB157-GW-052815-398-400 | VPB157-GW-052815-418-420 | VPB157-GW-052815-438-440 |
| SAMPLE DATE | 5/21/2015 | 5/21/2015 | 5/22/2015 | 5/22/2015 | 5/22/2015 | 5/26/2015 | 5/26/2015 | 5/26/2015 | 5/27/2015 | 5/27/2015 | 5/28/2015 | 5/28/2015 | 5/28/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 1.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 0.34 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 3.1 J | 6.2 | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 5.2 | 4.4 J | 5 | 2.7 J | 2.6 J |
| BENZENE | 0.5 U | 0.26 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.32 J | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.28 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.35 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.34 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UR | 1 U | 1 UJ | 1 UJ | 0.38 J | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| LOCATION | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-052115-198-200 | VPB157-GW-052115-218-220 | VPB157-052215-238-240 | VPB157-052215-258-260 | VPB157-052215-278-280 | VPB157-052615-298-300 | VPB157-052615-318-320 | VPB157-052615-338-340 | VPB157-GW-052715-358-360 | VPB157-GW-052715-378-380 | VPB157-GW-052815-398-400 | VPB157-GW-052815-418-420 | VPB157-GW-052815-438-440 |
| SAMPLE DATE | 5/21/2015 | 5/21/2015 | 5/22/2015 | 5/22/2015 | 5/22/2015 | 5/26/2015 | 5/26/2015 | 5/26/2015 | 5/27/2015 | 5/27/2015 | 5/28/2015 | 5/28/2015 | 5/28/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 298 | 318 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 1.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.46 J | 0.49 J | 0.4 J | 0.86 J | 0.5 UJ | 42 | 0.45 J | 0.37 J | 0.5 U | 0.39 J | 0.86 J | 5.4 | 1.5 |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-052915-458-460 | VPB157-GW-052915-478-480 | VPB157-GW-052915-498-500 | VPB157-GW-060115-518-520 | VPB157-GW-060115-538-540 | VPB157-GW-D-060115 | VPB157-GW-060215-563-565 | VPB157-GW-060315-578-580 | VPB157-GW-060315-618-620 | VPB157-GW-060815-728-730 | VPB157-GW-060815-738-740 | VPB157-GW-060915-758-760 | VPB157-GW-060915-778-780 |
| SAMPLE DATE | 5/29/2015 | 5/29/2015 | 5/29/2015 | 6/1/2015 | 6/1/2015 | 6/1/2015 | 6/2/2015 | 6/3/2015 | 6/3/2015 | 6/8/2015 | 6/8/2015 | 6/9/2015 | 6/9/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 498 | 518 | 538 | 538 | 563 | 578 | 618 | 728 | 738 | 758 | 778 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 500 | 520 | 540 | 540 | 565 | 580 | 620 | 730 | 740 | 760 | 780 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.37 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 2 UJ | 0.5 UR | 0.5 UJ | 0.67 J | 0.5 UJ | 1.1 | 1.2 | 0.41 J | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.7 J | 0.74 J | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 2 UJ | 0.5 UJ | 0.85 J | 1.2 J | 0.98 J | 0.54 J | 0.5 U | 0.35 J | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 6 UJ | 6 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 0.39 J | 4 UJ | 1 UJ | 1.3 J | 1.7 J | 1.9 J | 0.27 J | 1 U | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 10 UJ | 2.5 UJ | 1.9 J | 1.4 J | 2.5 UJ | 2.5 U | 2.5 U | 2 J | 20 UJ | 20 UJ | 1.8 J | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 20 UJ | 20 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 20 UJ | 20 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 3.9 J | 10 UJ | 3.3 J | 20 J | 12 J | 12 J | 2.5 U | 2.5 U | 2.5 UJ | 20 UJ | 20 UJ | 10 J | 3.7 J |
| BENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.43 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.39 J | 4 UJ | 4 UJ | 0.32 J | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 2.7 | 2 UJ | 0.5 UJ | 0.48 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 U | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.39 J | 2 UJ | 0.5 UJ | 1.3 J | 1.7 J | 1.9 J | 0.27 J | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 3 UJ | 0.75 UR | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 6 UJ | 6 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 2 UJ | 0.5 UR | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 | VPB157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-052915-458-460 | VPB157-GW-052915-478-480 | VPB157-GW-052915-498-500 | VPB157-GW-060115-518-520 | VPB157-GW-060115-538-540 | VPB157-GW-D-060115 | VPB157-GW-060215-563-565 | VPB157-GW-060315-578-580 | VPB157-GW-060315-618-620 | VPB157-GW-060815-728-730 | VPB157-GW-060815-738-740 | VPB157-GW-060915-758-760 | VPB157-GW-060915-778-780 |
| SAMPLE DATE | 5/29/2015 | 5/29/2015 | 5/29/2015 | 6/1/2015 | 6/1/2015 | 6/1/2015 | 6/2/2015 | 6/3/2015 | 6/3/2015 | 6/8/2015 | 6/8/2015 | 6/9/2015 | 6/9/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 498 | 518 | 538 | 538 | 563 | 578 | 618 | 728 | 738 | 758 | 778 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 500 | 520 | 540 | 540 | 565 | 580 | 620 | 730 | 740 | 760 | 780 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 20 UJ | 20 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.53 J | 2 UJ | 0.86 J | 1.3 J | 3.4 J | 4 J | 8 | 7.4 | 3.4 J | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 130 | 2.8 J | 5.1 J | 54 J | 21 J | 20 J | 9.7 | 9.3 | 4.6 J | 4 UJ | 4 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 4 UJ | 1 UJ | 1 UJ | 0.42 J | 0.33 J | 1 U | 0.27 J | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 8 UJ | 8 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 12 UJ | 12 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB157 | VPB157 | VPB157 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-060915-798-800 | VPB157-GW-061015-818-820 | VPB157-GW-061015-838-840 | VPB158-GW-011915-48-50 | VPB158-GW-011915-98-100 | VPB158-GW-012215-148-150 | VPB158-GWD-012215 | VPB158-GW-012315-198-200 | VPB158-GW-012315-218-220 | VPB158-GW-012915-243-245 | VPB158-GW-012915-258-260 | VPB158-GW-013015-278-280 | VPB158-GW-013015-298-300 |
| SAMPLE DATE | 6/9/2015 | 6/10/2015 | 6/10/2015 | 1/19/2015 | 1/19/2015 | 1/22/2015 | 1/22/2015 | 1/23/2015 | 1/23/2015 | 1/29/2015 | 1/29/2015 | 1/30/2015 | 1/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 798 | 818 | 838 | 48 | 98 | 148 | 148 | 198 | 218 | 243 | 258 | 278 | 298 |
| BOTTOM DEPTH (FEET BGS) | 800 | 820 | 840 | 50 | 100 | 150 | 150 | 200 | 220 | 245 | 260 | 280 | 300 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 2.3 | 2.1 | 2.6 | 2.5 | 0.81 J | 2 UJ | 5 | 6.4 J |
| 1,1,2,2-TETRACHLOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.46 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 2.5 | 4.6 J |
| 1,1,2-TRICHLOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.34 J | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.37 J |
| 1,1-DICHLOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 15 | 15 | 16 | 16 | 3.5 | 2 UJ | 14 | 12 J |
| 1,1-DICHLOROETHENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 5 | 5.5 | 5.6 | 6 | 0.55 J | 2 UJ | 9.4 | 12 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1.5 UJ | 0.75 U | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 3 UJ | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 UJ | 3.4 J | 3.5 | 2.2 | 2 | 1 U | 4 UJ | 2.5 | 4.8 J |
| 1,2-DICHLOROPROPANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.8 J | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 2.5 U | 2.5 U |
| 2-HEXANONE | 5 UJ | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 5 UJ | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 10 UJ | 2.5 U | 2.5 U |
| ACETONE | 10 J | 3.7 J | 13 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 1 UJ | 0.5 U | 2 UJ | 0.32 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| BROMOFORM | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| BROMOMETHANE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 4 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.43 J |
| CHLOROBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| CHLOROETHANE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 4 UJ | 1 U | 1 U |
| CHLOROFORM | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 1.6 | 1.7 | 0.5 U | 2 UJ | 2.6 | 2.3 J |
| CHLOROMETHANE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 3.4 | 3.5 | 2.2 | 2 | 0.5 U | 2 UJ | 2.5 | 4.8 J |
| CIS-1,3-DICHLOROPROPENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| CYCLOHEXANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4 UJ | 1 U | 1 U |
| METHYL ACETATE | 1.5 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 3 UJ | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB157 | VPB157 | VPB157 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB157-GW-060915-798-800 | VPB157-GW-061015-818-820 | VPB157-GW-061015-838-840 | VPB158-GW-011915-48-50 | VPB158-GW-011915-98-100 | VPB158-GW-012215-148-150 | VPB158-GWD-012215 | VPB158-GW-012315-198-200 | VPB158-GW-012315-218-220 | VPB158-GW-012915-243-245 | VPB158-GW-012915-258-260 | VPB158-GW-013015-278-280 | VPB158-GW-013015-298-300 |
| SAMPLE DATE | 6/9/2015 | 6/10/2015 | 6/10/2015 | 1/19/2015 | 1/19/2015 | 1/22/2015 | 1/22/2015 | 1/23/2015 | 1/23/2015 | 1/29/2015 | 1/29/2015 | 1/30/2015 | 1/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 798 | 818 | 838 | 48 | 98 | 148 | 148 | 198 | 218 | 243 | 258 | 278 | 298 |
| BOTTOM DEPTH (FEET BGS) | 800 | 820 | 840 | 50 | 100 | 150 | 150 | 200 | 220 | 245 | 260 | 280 | 300 |
| METHYL TERT-BUTYL ETHER | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 5 UJ | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 10 UJ | 2.5 U | 2.5 U |
| O-XYLENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| STYRENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.71 J | 1.1 | 2.3 | 2.3 | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| TOLUENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 1 UJ | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 8.4 | 9.3 | 35 | 36 | 0.74 J | 2.4 J | 0.31 J | 65 J |
| TRICHLOROFLUOROMETHANE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 4 UJ | 1 U | 1 U |
| VINYL CHLORIDE | 2 UJ | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 3 UJ | 1.5 U | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 6 UJ | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB158-GW-020215-318-320 | VPB158-GW-020215-338-358 | VPB158-GW-020215-358-360 | VPB158-GW-020415-378-380 | VPB158-GW-020515-398-400 | VPB158-GW-020515-418-420 | VPB158-GW-020515-438-440 | VPB158-GW-020615-458-460 | VPB158-GW-020915-498-500 | VPB158-GW-021015-518-520 | VPB158-GW-021015-538-540 | VPB158-GW-021015-558-560 | VPB158-GW-021115-578-580 |
| SAMPLE DATE | 2/2/2015 | 2/2/2015 | 2/2/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/5/2015 | 2/6/2015 | 2/9/2015 | 2/10/2015 | 2/10/2015 | 2/10/2015 | 2/11/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 318 | 338 | 358 | 378 | 398 | 418 | 438 | 458 | 498 | 518 | 538 | 558 | 578 |
| BOTTOM DEPTH (FEET BGS) | 320 | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 500 | 520 | 540 | 560 | 580 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 4.4 | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4.4 | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 12 | 1.5 | 5.9 J | 2.2 J | 19 | 2.5 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 10 | 0.85 J | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.98 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 7.2 | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.58 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.68 J | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 4 | 1 U | 1 UJ | 1 UJ | 20 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 0.27 J | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ |
| ACETONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 UJ | 2.5 UJ | 6.9 J | 2.5 UJ | 9 J | 7.3 J | 2.8 J | 7.9 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.77 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 10 UJ | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.28 J | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.22 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 UJ | 1 UJ | 20 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 1.8 | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 7.1 | 1 | 4.9 J | 5.9 J | 8.2 | 2.9 J |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 4 | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.27 J | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 UJ | 1 UJ | 20 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 15 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |

| LOCATION | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB158-GW-020215-318-320 | VPB158-GW-020215-338-358 | VPB158-GW-020215-358-360 | VPB158-GW-020415-378-380 | VPB158-GW-020515-398-400 | VPB158-GW-020515-418-420 | VPB158-GW-020515-438-440 | VPB158-GW-020615-458-460 | VPB158-GW-020915-498-500 | VPB158-GW-021015-518-520 | VPB158-GW-021015-538-540 | VPB158-GW-021015-558-560 | VPB158-GW-021115-578-580 |
| SAMPLE DATE | 2/2/2015 | 2/2/2015 | 2/2/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/5/2015 | 2/6/2015 | 2/9/2015 | 2/10/2015 | 2/10/2015 | 2/10/2015 | 2/11/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 318 | 338 | 358 | 378 | 398 | 418 | 438 | 458 | 498 | 518 | 538 | 558 | 578 |
| BOTTOM DEPTH (FEET BGS) | 320 | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 500 | 520 | 540 | 560 | 580 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 50 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 140 | 0.36 J | 0.5 UJ | 0.5 UJ | 10 UJ | 0.5 U | 0.5 U | 0.79 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 UJ | 1 UJ | 20 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 20 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 30 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB158-GW-021115-598-600 | VPB158-GWD-021115 | VPB158-GW-021215-638-640 | VPB158-GW-021815-658-660 | VPB158-GW-021815-678-680 | VPB158-GW-021915-698-700 | VPB158-GW-021915-718-720 | VPB158-GW-022515-798-800 | VPB158-GW-022515-818-820 | VPB158-GW-022615-838-840 | VPB158-GW-022615-858-860 | VPB158-GW-022715-878-880 | VPB158-GW-030215-898-900 |
| SAMPLE DATE | 2/11/2015 | 2/11/2015 | 2/12/2015 | 2/18/2015 | 2/18/2015 | 2/19/2015 | 2/19/2015 | 2/25/2015 | 2/25/2015 | 2/26/2015 | 2/26/2015 | 2/27/2015 | 3/2/2015 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 598 | 598 | 638 | 658 | 678 | 698 | 718 | 798 | 818 | 838 | 858 | 878 | 898 |
| BOTTOM DEPTH (FEET BGS) | 600 | 600 | 640 | 660 | 680 | 700 | 720 | 800 | 820 | 840 | 860 | 880 | 900 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 4.5 | 4 | 0.5 UJ | 1.5 | 0.5 UJ | 3 J | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 3 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 1.9 J | 10 UJ | 2.6 J | 2.9 J | 2.9 J | 10 UJ | 10 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ |
| ACETONE | 2.5 U | 2.4 J | 9.7 J | 2.5 UJ | 7.7 J | 10 J | 12 J | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| CHLOROFORM | 1.4 | 1.3 | 0.35 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1.1 J | 1 UJ | 4 UJ | 4 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 3 UJ | 3 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |

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| LOCATION | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 | VPB158 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB158-GW-021115-598-600 | VPB158-GWD-021115 | VPB158-GW-021215-638-640 | VPB158-GW-021815-658-660 | VPB158-GW-021815-678-680 | VPB158-GW-021915-698-700 | VPB158-GW-021915-718-720 | VPB158-GW-022515-798-800 | VPB158-GW-022515-818-820 | VPB158-GW-022615-838-840 | VPB158-GW-022615-858-860 | VPB158-GW-022715-878-880 | VPB158-GW-030215-898-900 |
| SAMPLE DATE | 2/11/2015 | 2/11/2015 | 2/12/2015 | 2/18/2015 | 2/18/2015 | 2/19/2015 | 2/19/2015 | 2/25/2015 | 2/25/2015 | 2/26/2015 | 2/26/2015 | 2/27/2015 | 3/2/2015 |
| SAMPLE CODE | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 598 | 598 | 638 | 658 | 678 | 698 | 718 | 798 | 818 | 838 | 858 | 878 | 898 |
| BOTTOM DEPTH (FEET BGS) | 600 | 600 | 640 | 660 | 680 | 700 | 720 | 800 | 820 | 840 | 860 | 880 | 900 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 10 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 2 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 4 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 6 UJ | 6 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-061815-58-60 | VPB159-GW-061915-103-105 | VPB159-GW-062315-148-150 | VPB159-GW-062315-203-205 | VPB159-GW-062415-218-220 | VPB159-GW-062415-238-240 | VPB159-GW-062415-258-260 | VPB159-GW-062515-278-280 | VPB159-GWD-062515 | VPB159-GW-062515-298-300 | VPB159-GW-062515-318-320 | VPB159-GW-062515-338-340 | VPB159-GW-062615-358-360 |
| SAMPLE DATE | 6/18/2015 | 6/19/2015 | 6/23/2015 | 6/23/2015 | 6/24/2015 | 6/24/2015 | 6/24/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/26/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 48 | 103 | 148 | 203 | 218 | 238 | 258 | 278 | 278 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 105 | 150 | 205 | 220 | 240 | 260 | 280 | 280 | 300 | 320 | 340 | 360 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.36 J | 0.36 J | 0.37 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 16 | 8.4 | 10 | 8.7 | 2.9 | 2.9 | 0.37 J | 6.2 | 20 | 2.8 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 1.2 | 1.1 | 1.3 | 1.6 J | 0.98 J | 0.97 J | 0.5 U | 1.5 | 2.1 | 0.55 J |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 2.1 | 1.1 | 1.4 | 0.83 J | 0.93 J | 0.95 J | 0.5 U | 0.99 J | 3.5 | 0.5 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 U | 1 U | 4.2 | 2.3 | 2.6 | 1.6 J | 3 | 2.8 | 0.51 J | 3.3 | 3.9 | 2.3 J |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 1.4 J | 3.1 J | 2.5 U | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| ACETONE | 2.8 J | 4.7 J | 8.3 | 5.2 | 3.8 J | 4.7 J | 4.7 J | 6.5 | 6.6 | 13 | 4 J | 2.8 J | 5.7 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.68 J | 0.72 J | 0.55 J | 0.43 J | 0.9 J | 0.83 J | 0.38 J | 0.77 J | 0.68 J | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 4.2 | 2.3 | 2.6 | 1.6 J | 3 | 2.8 | 0.51 J | 3.3 | 3.9 | 2.3 J |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 0.74 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.38 J | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |

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| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-061815-58-60 | VPB159-GW-061915-103-105 | VPB159-GW-062315-148-150 | VPB159-GW-062315-203-205 | VPB159-GW-062415-218-220 | VPB159-GW-062415-238-240 | VPB159-GW-062415-258-260 | VPB159-GW-062515-278-280 | VPB159-GWD-062515 | VPB159-GW-062515-298-300 | VPB159-GW-062515-318-320 | VPB159-GW-062515-338-340 | VPB159-GW-062615-358-360 |
| SAMPLE DATE | 6/18/2015 | 6/19/2015 | 6/23/2015 | 6/23/2015 | 6/24/2015 | 6/24/2015 | 6/24/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/25/2015 | 6/26/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 48 | 103 | 148 | 203 | 218 | 238 | 258 | 278 | 278 | 298 | 318 | 338 | 358 |
| BOTTOM DEPTH (FEET BGS) | 60 | 105 | 150 | 205 | 220 | 240 | 260 | 280 | 280 | 300 | 320 | 340 | 360 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.67 J | 0.5 U | 0.5 U | 0.44 J | 0.37 J | 0.5 U | 0.5 U | 0.5 U | 0.58 J |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 5.5 | 3.4 | 3.9 | 0.5 U | 8.3 | 8.8 | 1.5 | 14 | 9.8 | 7.6 J |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 170 | 100 | 140 | 25 J | 120 | 120 | 18 | 130 | 210 | 49 J |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 0.25 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-062615-378-380 | VPB159-GW-062915-403-405 | VPB159-GW-062915-418-420 | VPB159-GW-062915-438-440 | VPB159-GW-063015-458-460 | VPB159-GW-063015-478-480 | VPB159-GW-063015-503-505 | VPB159-GW-070115-518-520 | VPB159-GW-070115-543-545 | VPB159-GW-070215-558-560 | VPB159-GW-070615-588-590 | VPB159-GW-070615-598-600 | VPB159-GW-070615-618-620 |
| SAMPLE DATE | 6/26/2015 | 6/29/2015 | 6/29/2015 | 6/29/2015 | 6/30/2015 | 6/30/2015 | 6/30/2015 | 7/1/2015 | 7/1/2015 | 7/2/2015 | 7/6/2015 | 7/6/2015 | 7/6/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 403 | 418 | 438 | 458 | 478 | 503 | 518 | 543 | 558 | 588 | 598 | 618 |
| BOTTOM DEPTH (FEET BGS) | 380 | 405 | 420 | 440 | 460 | 480 | 505 | 520 | 545 | 560 | 590 | 600 | 620 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.25 J | 0.5 U | 0.5 U | 0.35 J | 0.34 J | 0.51 J | 0.49 J |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.97 J | 2 UJ | 10 | 11 | 4.6 J | 12 J | 0.5 U | 4.6 | 24 J | 17 J | 18 J | 18 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.47 J | 0.5 U | 0.5 U | 0.53 J | 0.48 J | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 UJ | 2 UJ | 1.1 | 1.2 | 0.46 J | 2.8 J | 0.5 U | 1.7 | 6 J | 4.9 J | 2.8 J | 2 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 UJ | 4 UJ | 2.3 | 2.9 | 1.4 J | 2.5 J | 1 U | 1.3 J | 4.4 J | 4.3 J | 2 J | 2.6 J |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.7 J | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 1.9 J | 2.3 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.6 J | 14 J | 26 J | 3.8 J | 2.3 J | 3.3 J | 3.9 J | 11 | 13 | 4.9 J | 13 J | 3.9 J | 6.8 J |
| BENZENE | 0.5 U | 0.5 UJ | 1.4 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 UJ | 2 UJ | 1.2 | 0.5 J | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.35 J | 0.41 J |
| CHLOROBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.44 J | 0.76 J | 0.6 J | 0.33 J | 0.35 J |
| CHLOROMETHANE | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 2 UJ | 2.3 | 2.9 | 1.4 J | 2.5 J | 0.5 U | 1.3 | 4.4 J | 4.3 J | 2 J | 2.6 J |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 4 UJ | 0.78 J | 0.89 J | 0.34 J | 0.68 J | 1 U | 1 U | 0.39 J | 1 UJ | 0.41 J | 0.55 J |
| ETHYLBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-062615-378-380 | VPB159-GW-062915-403-405 | VPB159-GW-062915-418-420 | VPB159-GW-062915-438-440 | VPB159-GW-063015-458-460 | VPB159-GW-063015-478-480 | VPB159-GW-063015-503-505 | VPB159-GW-070115-518-520 | VPB159-GW-070115-543-545 | VPB159-GW-070215-558-560 | VPB159-GW-070615-588-590 | VPB159-GW-070615-598-600 | VPB159-GW-070615-618-620 |
| SAMPLE DATE | 6/26/2015 | 6/29/2015 | 6/29/2015 | 6/29/2015 | 6/30/2015 | 6/30/2015 | 6/30/2015 | 7/1/2015 | 7/1/2015 | 7/2/2015 | 7/6/2015 | 7/6/2015 | 7/6/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 378 | 403 | 418 | 438 | 458 | 478 | 503 | 518 | 543 | 558 | 588 | 598 | 618 |
| BOTTOM DEPTH (FEET BGS) | 380 | 405 | 420 | 440 | 460 | 480 | 505 | 520 | 545 | 560 | 590 | 600 | 620 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 UJ | 16 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 0.46 J | 2 UJ | 2.5 | 7 | 3.1 J | 2.8 J | 0.5 U | 3 | 15 J | 11 J | 3 J | 4.3 J |
| TOLUENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 20 J | 2.5 J | 190 | 310 | 140 J | 330 J | 2.8 | 200 | 640 J | 450 J | 120 J | 130 J |
| TRICHLOROFLUOROMETHANE | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 UJ | 6 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-070715-638-640 | VPB159-GW-070715-658-660 | VPB159-GW-070715-678-680 | VPB159-GW-070915-698-700 | VPB159-GWD-070915 | VPB159-GW-070915-718-720 | VPB159-GW-071015-738-740 | VPB159-GW-071015-758-760 | VPB159-GW-071015-778-780 | VPB159-GW-071315-798-800 | VPB159-GW-071315-818-820 | VPB159-GW-071415-838-840 | VPB159-GW-071415-858-860 |
| SAMPLE DATE | 7/7/2015 | 7/7/2015 | 7/7/2015 | 7/9/2015 | 7/9/2015 | 7/9/2015 | 7/10/2015 | 7/10/2015 | 7/10/2015 | 7/13/2015 | 7/13/2015 | 7/14/2015 | 7/14/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 638 | 658 | 678 | 698 | 698 | 718 | 738 | 758 | 778 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 640 | 660 | 680 | 700 | 700 | 720 | 740 | 769 | 780 | 800 | 820 | 840 | 860 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2.9 | 2 UJ | 31 J | 2 | 2.3 | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,1-DICHLOROETHENE | 0.37 J | 2 UJ | 0.44 J | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 3 UJ | 0.75 UJ | 0.75 U | 0.75 U | 1.5 UJ | 15 UJ | 38 UJ | 0.75 UJ | 1.5 UJ | 6 UJ | 0.75 UJ | 3 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 0.29 J | 4 UJ | 0.76 J | 0.37 J | 0.34 J | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 1.7 J | 10 UJ | 2.2 J | 2.5 U | 2.5 U | 5 UJ | 50 UJ | 120 UJ | 2.5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 10 UJ |
| 2-HEXANONE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 5 UJ | 50 UJ | 120 UJ | 2.5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 10 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 5 UJ | 50 UJ | 120 UJ | 2.5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 10 UJ |
| ACETONE | 11 | 9.6 J | 11 J | 3.9 J | 4.3 J | 12 J | 50 UJ | 120 UJ | 6.6 J | 13 J | 20 UJ | 5.6 J | 10 UJ |
| BENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| BROMOFORM | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| BROMOMETHANE | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| CARBON DISULFIDE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CHLOROBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CHLOROETHANE | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| CHLOROFORM | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CHLOROMETHANE | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 1.6 J | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| CIS-1,2-DICHLOROETHENE | 0.29 J | 2 UJ | 0.76 J | 0.37 J | 0.34 J | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| CYCLOHEXANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| ETHYLBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| ISOPROPYLBENZENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| M- AND P-XYLENE | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| METHYL ACETATE | 0.75 U | 3 UJ | 0.75 UJ | 0.75 U | 0.75 U | 1.5 UJ | 15 UJ | 38 UJ | 0.75 UJ | 1.5 UJ | 6 UJ | 0.75 UJ | 3 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |

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| LOCATION | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 | VPB159 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-070715-638-640 | VPB159-GW-070715-658-660 | VPB159-GW-070715-678-680 | VPB159-GW-070915-698-700 | VPB159-GWD-070915 | VPB159-GW-070915-718-720 | VPB159-GW-071015-738-740 | VPB159-GW-071015-758-760 | VPB159-GW-071015-778-780 | VPB159-GW-071315-798-800 | VPB159-GW-071315-818-820 | VPB159-GW-071415-838-840 | VPB159-GW-071415-858-860 |
| SAMPLE DATE | 7/7/2015 | 7/7/2015 | 7/7/2015 | 7/9/2015 | 7/9/2015 | 7/9/2015 | 7/10/2015 | 7/10/2015 | 7/10/2015 | 7/13/2015 | 7/13/2015 | 7/14/2015 | 7/14/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 638 | 658 | 678 | 698 | 698 | 718 | 738 | 758 | 778 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 640 | 660 | 680 | 700 | 700 | 720 | 740 | 769 | 780 | 800 | 820 | 840 | 860 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| METHYLENE CHLORIDE | 2.5 U | 10 UJ | 2.5 UJ | 2.5 U | 2.5 U | 5 UJ | 50 UJ | 120 UJ | 2.5 UJ | 5 UJ | 20 UJ | 2.5 UJ | 10 UJ |
| O-XYLENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| STYRENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TETRACHLOROETHENE | 0.5 U | 2 UJ | 3.1 J | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TOLUENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 2 UJ | 0.5 UJ | 0.5 U | 0.5 U | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TRICHLOROETHENE | 11 | 1.4 J | 74 J | 93 | 99 | 1 UJ | 10 UJ | 25 UJ | 0.5 UJ | 1 UJ | 4 UJ | 0.5 UJ | 2 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| VINYL CHLORIDE | 1 U | 4 UJ | 1 UJ | 1 U | 1 U | 2 UJ | 20 UJ | 50 UJ | 1 UJ | 2 UJ | 8 UJ | 1 UJ | 4 UJ |
| XYLENES, TOTAL | 1.5 U | 6 UJ | 1.5 UJ | 1.5 U | 1.5 U | 3 UJ | 30 UJ | 75 UJ | 1.5 UJ | 3 UJ | 12 UJ | 1.5 UJ | 6 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB159 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-071515-883-885 | VPB160-GW-092315-58-60 | VPB160-GW-092415-98-100 | VPB160-GW-092815-148-150 | VPB160-GW-092915-183-185 | VPB160-FD-092915 | VPB160-GW-092915-198-200 | VPB160-GW-092915-218-220 | VPB160-GW-093015-248-250 | VPB160-GW-093015-258-260 | VPB160-GW-100115-283-285 | VPB160-GW-100115-298-300 | VPB160-GW-100215-318-320 |
| SAMPLE DATE | 7/15/2015 | 9/23/2015 | 9/24/2015 | 9/28/2015 | 9/29/2015 | 9/29/2015 | 9/29/2015 | 9/29/2015 | 9/30/2015 | 9/30/2015 | 10/1/2015 | 10/1/2015 | 10/2/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 883 | 58 | 98 | 148 | 183 | 198 | 198 | 218 | 248 | 258 | 283 | 298 | 318 |
| BOTTOM DEPTH (FEET BGS) | 885 | 60 | 100 | 150 | 185 | 200 | 200 | 220 | 250 | 260 | 285 | 300 | 320 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,1-DICHLOROETHENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 3 UJ | 0.75 U | 0.75 U | 3 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 4 UJ | 1 U | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| 1,2-DICHLOROPROPANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ |
| 2-HEXANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 10 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ |
| ACETONE | 10 UJ | 11 J | 6.9 J | 15 J | 2.5 UJ | 5.7 J | 3.4 J | 2.5 UJ | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOFORM | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| BROMOMETHANE | 4 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | 2 UJ | 0.25 J | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CARBON TETRACHLORIDE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROETHANE | 4 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| CHLOROFORM | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CHLOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| CYCLOHEXANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| ETHYLBENZENE | 2 UJ | 0.27 J | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| ISOPROPYLBENZENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| M- AND P-XYLENE | 4 UJ | 1 U | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| METHYL ACETATE | 3 UJ | 0.75 U | 0.75 U | 3 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ |
| METHYL CYCLOHEXANE | 2 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |

| LOCATION | VPB159 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB159-GW-071515-883-885 | VPB160-GW-092315-58-60 | VPB160-GW-092415-98-100 | VPB160-GW-092815-148-150 | VPB160-GW-092915-183-185 | VPB160-FD-092915 | VPB160-GW-092915-198-200 | VPB160-GW-092915-218-220 | VPB160-GW-093015-248-250 | VPB160-GW-093015-258-260 | VPB160-GW-100115-283-285 | VPB160-GW-100115-298-300 | VPB160-GW-100215-318-320 |
| SAMPLE DATE | 7/15/2015 | 9/23/2015 | 9/24/2015 | 9/28/2015 | 9/29/2015 | 9/29/2015 | 9/29/2015 | 9/29/2015 | 9/30/2015 | 9/30/2015 | 10/1/2015 | 10/1/2015 | 10/2/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 883 | 58 | 98 | 148 | 183 | 198 | 198 | 218 | 248 | 258 | 283 | 298 | 318 |
| BOTTOM DEPTH (FEET BGS) | 885 | 60 | 100 | 150 | 185 | 200 | 200 | 220 | 250 | 260 | 285 | 300 | 320 |
| METHYL TERT-BUTYL ETHER | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| METHYLENE CHLORIDE | 10 UJ | 2.5 U | 2.5 U | 10 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ |
| O-XYLENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| STYRENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| TETRACHLOROETHENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 2 UJ | 0.4 J | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 U | 0.5 U | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 UJ |
| TRICHLOROETHENE | 2 UJ | 0.5 U | 0.42 J | 2 UJ | 0.41 J | 0.35 J | 0.3 J | 0.82 J | 0.41 J | 2 UJ | 0.5 U | 0.5 U | 1.1 J |
| TRICHLOROFLUOROMETHANE | 4 UJ | 1 UJ | 1 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 4 UJ | 1 U | 1 U | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 4 UJ | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 6 UJ | 1.5 U | 1.5 U | 6 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 6 UJ | 1.5 U | 1.5 U | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB160-GW-100215-338-340 | VPB160-GW-100515-368-370 | VPB160-GW-100815-378-380 | VPB160-GW-100915-403-405 | VPB160-GW-100915-418-420 | VPB160-GW-101215-438-440 | VPB160-GW-101215-458-460 | VPB160-GW-101315-483-485 | VPB160-GW-101315-498-500 | VPB160-GW-101415-518-520 | VPB160-GW-101515-543-545 | VPB160-FD-101515 | VPB160-GW-101515-558-560 |
| SAMPLE DATE | 10/2/2015 | 10/5/2015 | 10/8/2015 | 10/9/2015 | 10/9/2015 | 10/12/2015 | 10/12/2015 | 10/13/2015 | 10/13/2015 | 10/14/2015 | 10/15/2015 | 10/15/2015 | 10/15/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 338 | 368 | 378 | 403 | 418 | 438 | 458 | 483 | 498 | 518 | 543 | 558 | 558 |
| BOTTOM DEPTH (FEET BGS) | 340 | 370 | 380 | 405 | 420 | 440 | 460 | 486 | 500 | 520 | 545 | 560 | 560 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 J | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 1.9 J | 1.7 J |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.36 J | 0.33 J |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.53 J | 3 J | 3.1 J |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.61 J | 1.6 J | 1.8 J |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 6 UJ | 3.8 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 0.24 J | 0.39 J | 2.3 J | 2.4 J |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.2 J | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 20 UJ | 12 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 20 UJ | 12 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 20 UJ | 12 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.5 UJ | 2.5 UJ | 9.4 J | 6.3 J | 10 J | 4.3 J | 27 J | 15 J | 10 UJ | 3.2 J | 8.9 J | 3.4 J | 4.9 J |
| BENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 0.58 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.69 J | 0.74 J |
| CHLOROBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.94 J | 0.91 J |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.24 J | 0.39 J | 2.3 J | 2.4 J |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 6 UJ | 3.8 UJ | 3 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB160-GW-100215-338-340 | VPB160-GW-100515-368-370 | VPB160-GW-100815-378-380 | VPB160-GW-100915-403-405 | VPB160-GW-100915-418-420 | VPB160-GW-101215-438-440 | VPB160-GW-101215-458-460 | VPB160-GW-101315-483-485 | VPB160-GW-101315-498-500 | VPB160-GW-101415-518-520 | VPB160-GW-101515-543-545 | VPB160-FD-101515 | VPB160-GW-101515-558-560 |
| SAMPLE DATE | 10/2/2015 | 10/5/2015 | 10/8/2015 | 10/9/2015 | 10/9/2015 | 10/12/2015 | 10/12/2015 | 10/13/2015 | 10/13/2015 | 10/14/2015 | 10/15/2015 | 10/15/2015 | 10/15/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 338 | 368 | 378 | 403 | 418 | 438 | 458 | 483 | 498 | 518 | 543 | 558 | 558 |
| BOTTOM DEPTH (FEET BGS) | 340 | 370 | 380 | 405 | 420 | 440 | 460 | 486 | 500 | 520 | 545 | 560 | 560 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 20 UJ | 12 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 1.7 J | 2.7 J | 1.8 J | 0.73 J | 0.69 J | 1.2 | 4 UJ | 2.5 UJ | 2 UJ | 0.93 J | 0.6 J | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 4 UJ | 2.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 13 J | 14 J | 5.5 J | 5.3 | 8.2 | 2.9 | 4 UJ | 2.5 UJ | 2 UJ | 57 J | 85 J | 520 J | 520 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 8 UJ | 5 UJ | 4 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 12 UJ | 7.5 UJ | 6 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB160-GW-101615-583-585 | VPB160-GW-102115-598-600 | VPB160-GW-102215-608-610 | VPB160-GW-102215-618-620 | VPB160-GW-102315-638-640 | VPB160-GW-102315-643-645 | VPB160-GW-102615-658-660 | VPB160-GW-111015-718-720 | VPB160-GW-111115-758-760 | VPB160-GW-111215-768-770 | VPB160-GW-111615-818-820 | VPB160-GW-111615-838-840 | VPB163-GW-121615-58-60 |
| SAMPLE DATE | 10/16/2015 | 10/21/2015 | 10/22/2015 | 10/22/2015 | 10/23/2015 | 10/23/2015 | 10/26/2015 | 11/10/2015 | 11/11/2015 | 11/12/2015 | 11/16/2015 | 11/16/2015 | 12/16/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 583 | 598 | 608 | 618 | 638 | 643 | 658 | 718 | 758 | 768 | 818 | 838 | 58 |
| BOTTOM DEPTH (FEET BGS) | 585 | 600 | 610 | 620 | 640 | 645 | 660 | 720 | 760 | 770 | 820 | 840 | 60 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 12 UJ | 3.8 UJ | 1.4 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 6 UJ | 1.5 UJ | 1.9 UJ | 0.75 UJ | 3.8 UJ | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 40 UJ | 12 UJ | 4.8 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 20 UJ | 5 UJ | 6.2 UJ | 3.2 J | 12 UJ | 3.5 J | 2.5 U |
| 2-HEXANONE | 40 UJ | 12 UJ | 4.8 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 20 UJ | 5 UJ | 6.2 UJ | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 40 UJ | 12 UJ | 4.8 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 20 UJ | 5 UJ | 6.2 UJ | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 U |
| ACETONE | 40 UJ | 17 J | 20 J | 8.9 J | 7.7 J | 14 J | 20 UJ | 15 J | 9.8 J | 8.7 J | 33 J | 13 J | 5.2 |
| BENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.28 J | 2.5 UJ | 0.5 UJ | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| BROMOFORM | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 U |
| CARBON DISULFIDE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 U |
| CHLOROFORM | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.89 J |
| CHLOROMETHANE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| ISOPROPYLBENZENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 U |
| METHYL ACETATE | 12 UJ | 3.8 UJ | 1.4 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 6 UJ | 1.5 UJ | 1.9 UJ | 0.75 UJ | 3.8 UJ | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |

| LOCATION | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB160 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB160-GW-101615-583-585 | VPB160-GW-102115-598-600 | VPB160-GW-102215-608-610 | VPB160-GW-102215-618-620 | VPB160-GW-102315-638-640 | VPB160-GW-102315-643-645 | VPB160-GW-102615-658-660 | VPB160-GW-111015-718-720 | VPB160-GW-111115-758-760 | VPB160-GW-111215-768-770 | VPB160-GW-111615-818-820 | VPB160-GW-111615-838-840 | VPB163-GW-121615-58-60 |
| SAMPLE DATE | 10/16/2015 | 10/21/2015 | 10/22/2015 | 10/22/2015 | 10/23/2015 | 10/23/2015 | 10/26/2015 | 11/10/2015 | 11/11/2015 | 11/12/2015 | 11/16/2015 | 11/16/2015 | 12/16/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 583 | 598 | 608 | 618 | 638 | 643 | 658 | 718 | 758 | 768 | 818 | 838 | 58 |
| BOTTOM DEPTH (FEET BGS) | 585 | 600 | 610 | 620 | 640 | 645 | 660 | 720 | 760 | 770 | 820 | 840 | 60 |
| METHYL TERT-BUTYL ETHER | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 40 UJ | 12 UJ | 4.8 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 20 UJ | 5 UJ | 6.2 UJ | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 U |
| O-XYLENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| STYRENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.64 J |
| TOLUENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.7 J | 6.4 J | 11 J | 0.33 J | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 8 UJ | 2.5 UJ | 0.95 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 8 UJ | 2.5 UJ | 1.2 J | 1.3 J | 0.54 J | 0.45 J | 4 UJ | 1 UJ | 1.2 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 U |
| TRICHLOROFLUOROMETHANE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 16 UJ | 5 UJ | 1.9 UJ | 1 UJ | 1 UJ | 1 UJ | 8 UJ | 2 UJ | 2.5 UJ | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 24 UJ | 7.5 UJ | 2.8 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 12 UJ | 3 UJ | 3.8 UJ | 1.5 UJ | 7.5 UJ | 1.5 UJ | 1.5 U |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-121815-118-120 | VPB163-GW-121815-158-160 | VPB163-GW-122115-198-200 | VPB163-GWD-122115 | VPB163-122115-218-220 | VPB163-GW-122215-238-240 | VPB163-GW-122215-258-260 | VPB163-GW-122915-338-340 | VPB163-GW-122915-358-360 | VPB163-GW-122915-378-380 | VPB163-GW-123015-398-400 | VPB163-GW-123015-418-420 | VPB163-GW-123015-438-440 |
| SAMPLE DATE | 12/18/2015 | 12/18/2015 | 12/21/2015 | 12/21/2015 | 12/21/2015 | 12/22/2015 | 12/22/2015 | 12/29/2015 | 12/29/2015 | 12/29/2015 | 12/30/2015 | 12/30/2015 | 12/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 118 | 158 | 198 | 198 | 218 | 238 | 258 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 120 | 160 | 200 | 200 | 220 | 240 | 260 | 340 | 360 | 389 | 400 | 420 | 440 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.95 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 2.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 U | 0.44 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 2.5 UJ | 1.9 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1.1 J | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 8.3 UJ | 6.2 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 8.3 UJ | 6.2 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 8.3 UJ | 6.2 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 5.4 | 2.5 U | 3.9 J | 5 | 5.1 J | 5.6 J | 2.5 UJ | 8.1 J | 6 J | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 1.1 | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1.4 J | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 2.5 UJ | 1.9 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-121815-118-120 | VPB163-GW-121815-158-160 | VPB163-GW-122115-198-200 | VPB163-GWD-122115 | VPB163-122115-218-220 | VPB163-GW-122215-238-240 | VPB163-GW-122215-258-260 | VPB163-GW-122915-338-340 | VPB163-GW-122915-358-360 | VPB163-GW-122915-378-380 | VPB163-GW-123015-398-400 | VPB163-GW-123015-418-420 | VPB163-GW-123015-438-440 |
| SAMPLE DATE | 12/18/2015 | 12/18/2015 | 12/21/2015 | 12/21/2015 | 12/21/2015 | 12/22/2015 | 12/22/2015 | 12/29/2015 | 12/29/2015 | 12/29/2015 | 12/30/2015 | 12/30/2015 | 12/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 118 | 158 | 198 | 198 | 218 | 238 | 258 | 338 | 358 | 378 | 398 | 418 | 438 |
| BOTTOM DEPTH (FEET BGS) | 120 | 160 | 200 | 200 | 220 | 240 | 260 | 340 | 360 | 389 | 400 | 420 | 440 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 8.3 UJ | 6.2 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 1.7 J | 46 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 0.5 U | 4.3 | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 1.7 UJ | 1.2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 3.3 UJ | 2.5 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 5 UJ | 3.8 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-123115-458-460 | VPB163-GW-123115-478-480 | VPB163-GW-010416-503-505 | VPB163-GW-010516-518-520 | VPB163-GW-010516-538-540 | VPB163-GWD-010516 | VPB163-GW-010616-558-560 | VPB163-GW-010716-583-585 | VPB163-GW-010816-603-605 | VPB163-GW-011116-618-620 | VPB163-GW-011116-638-640 | VPB163-GW-011216-658-660 | VPB163-GW-011216-678-680 |
| SAMPLE DATE | 12/31/2015 | 12/31/2015 | 1/4/2016 | 1/5/2016 | 1/5/2016 | 1/5/2016 | 1/6/2016 | 1/7/2016 | 1/8/2016 | 1/11/2016 | 1/11/2016 | 1/12/2016 | 1/12/2016 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 503 | 518 | 538 | 538 | 558 | 583 | 603 | 618 | 638 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 505 | 520 | 540 | 540 | 560 | 585 | 605 | 620 | 640 | 660 | 680 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 3.8 UJ | 0.75 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | 2.4 J | 2.4 J | 6.2 J | 2.5 UJ | 3.3 J | 2.6 J | 2.5 UJ | 2.3 J | 2.5 UJ | 2.5 UJ | 12 UJ | 14 J | 18 J |
| BENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| CHLOROFORM | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 3.8 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |

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| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-123115-458-460 | VPB163-GW-123115-478-480 | VPB163-GW-010416-503-505 | VPB163-GW-010516-518-520 | VPB163-GW-010516-538-540 | VPB163-GWD-010516 | VPB163-GW-010616-558-560 | VPB163-GW-010716-583-585 | VPB163-GW-010816-603-605 | VPB163-GW-011116-618-620 | VPB163-GW-011116-638-640 | VPB163-GW-011216-658-660 | VPB163-GW-011216-678-680 |
| SAMPLE DATE | 12/31/2015 | 12/31/2015 | 1/4/2016 | 1/5/2016 | 1/5/2016 | 1/5/2016 | 1/6/2016 | 1/7/2016 | 1/8/2016 | 1/11/2016 | 1/11/2016 | 1/12/2016 | 1/12/2016 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 458 | 478 | 503 | 518 | 538 | 538 | 558 | 583 | 603 | 618 | 638 | 658 | 678 |
| BOTTOM DEPTH (FEET BGS) | 460 | 480 | 505 | 520 | 540 | 540 | 560 | 585 | 605 | 620 | 640 | 660 | 680 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 12 UJ | 2.5 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROETHENE | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 2.5 UJ | 0.5 UJ | 0.5 UJ |
| TRICHLOROFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 5 UJ | 1 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 7.5 UJ | 1.5 UJ | 1.5 UJ |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-011316-698-700 | VPB163-GW-011316-718-720 | VPB163-GW-011416-738-740 | VPB163-GW-011516-763-765 | VPB163-GW-011516-778-780 | VPB163-GW-011516-798-800 | VPB163-GW-011816-818-820 | VPB163-GW-012616-918-920 | VPB163-GW-012716-938-940 | VPB163-GW-012716-958-960 | VPB165-GW-120715-58-60 | VPB165-GW-120715-98-100 | VPB165-GW-120915-148-150 |
| SAMPLE DATE | 1/13/2016 | 1/13/2016 | 1/14/2016 | 1/15/2016 | 1/15/2016 | 1/15/2016 | 1/18/2016 | 1/26/2016 | 1/27/2016 | 1/27/2016 | 12/7/2015 | 12/7/2015 | 12/9/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 763 | 778 | 798 | 818 | 918 | 938 | 958 | 58 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 765 | 780 | 800 | 820 | 920 | 940 | 960 | 60 | 100 | 150 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1-DICHLOROETHENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 UJ | 0.75 UJ | 3 UJ | 2.2 UJ | 1.5 UJ | 0.75 UJ | 1.5 UJ | 5 UJ | 3 UJ | 8.6 UJ | 0.75 UJ | 0.75 UJ | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 7.5 UJ | 5 UJ | 2.5 UJ | 5 UJ | 17 UJ | 10 UJ | 28 UJ | 2.5 UJ | 2.8 J | 2.5 U |
| 2-HEXANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 7.5 UJ | 5 UJ | 2.5 UJ | 5 UJ | 17 UJ | 10 UJ | 28 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 UJ | 2.5 UJ | 10 UJ | 7.5 UJ | 5 UJ | 2.5 UJ | 5 UJ | 17 UJ | 10 UJ | 28 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| ACETONE | 16 J | 2.5 UJ | 10 UJ | 15 J | 12 J | 8.6 J | 9 J | 19 J | 16 J | 28 UJ | 5.4 J | 10 J | 6.2 |
| BENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.64 J | 0.31 J |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| BROMOFORM | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| BROMOMETHANE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| CARBON DISULFIDE | 0.5 UJ | 0.5 UJ | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROETHANE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| CHLOROFORM | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.62 J |
| CHLOROMETHANE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CYCLOHEXANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| ETHYLBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.53 J | 0.86 J | 0.56 J |
| ISOPROPYLBENZENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| M- AND P-XYLENE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1.4 J | 2.7 J | 1.4 J |
| METHYL ACETATE | 0.75 UJ | 0.75 U | 3 UJ | 2.2 UJ | 1.5 UJ | 0.75 UJ | 1.5 UJ | 5 UJ | 3.2 J | 8.6 UJ | 0.75 UJ | 0.75 UJ | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |

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| LOCATION | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB163 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB163-GW-011316-698-700 | VPB163-GW-011316-718-720 | VPB163-GW-011416-738-740 | VPB163-GW-011516-763-765 | VPB163-GW-011516-778-780 | VPB163-GW-011516-798-800 | VPB163-GW-011816-818-820 | VPB163-GW-012616-918-920 | VPB163-GW-012716-938-940 | VPB163-GW-012716-958-960 | VPB165-GW-120715-58-60 | VPB165-GW-120715-98-100 | VPB165-GW-120915-148-150 |
| SAMPLE DATE | 1/13/2016 | 1/13/2016 | 1/14/2016 | 1/15/2016 | 1/15/2016 | 1/15/2016 | 1/18/2016 | 1/26/2016 | 1/27/2016 | 1/27/2016 | 12/7/2015 | 12/7/2015 | 12/9/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 698 | 718 | 738 | 763 | 778 | 798 | 818 | 918 | 938 | 958 | 58 | 98 | 148 |
| BOTTOM DEPTH (FEET BGS) | 700 | 720 | 740 | 765 | 780 | 800 | 820 | 920 | 940 | 960 | 60 | 100 | 150 |
| METHYL TERT-BUTYL ETHER | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| METHYLENE CHLORIDE | 2.5 UJ | 2.5 U | 10 UJ | 7.5 UJ | 5 UJ | 2.5 UJ | 5 UJ | 17 UJ | 10 UJ | 28 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| O-XYLENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.8 J | 1.4 J | 0.6 J |
| STYRENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TETRACHLOROETHENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| TOLUENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 2.1 J | 4.4 J | 2.6 |
| TRANS-1,2-DICHLOROETHENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TRICHLOROETHENE | 0.5 UJ | 0.5 U | 2 UJ | 1.5 UJ | 1 UJ | 0.5 UJ | 1 UJ | 3.4 UJ | 2 UJ | 5.7 UJ | 0.5 UJ | 0.5 UJ | 0.73 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| VINYL CHLORIDE | 1 UJ | 1 U | 4 UJ | 3 UJ | 2 UJ | 1 UJ | 2 UJ | 6.7 UJ | 4 UJ | 11 UJ | 1 UJ | 1 UJ | 1 U |
| XYLENES, TOTAL | 1.5 UJ | 1.5 U | 6 UJ | 4.5 UJ | 3 UJ | 1.5 UJ | 3 UJ | 10 UJ | 6 UJ | 17 UJ | 2.2 J | 4.1 J | 2 J |

**Notes:**

BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-120915-198-200 | VPB165-GW-121015-218-220 | VPB165-GW-121015-238-240 | VPB165-GW-121015-258-260 | VPB165-GW-121115-278-280 | VPB165-GW-121115-288-290 | VPB165-GW-121115-298-300 | VPB165-GW-121115-318-320 | VPB165-GW-121415-338-340 | VPB165-GW-121415-358-360 | VPB165-GW-121415-378-380 | VPB165-GWD-121415 | VPB165-GW-121515-403-405 |
| SAMPLE DATE | 12/9/2015 | 12/10/2015 | 12/10/2015 | 12/10/2015 | 12/11/2015 | 12/11/2015 | 12/11/2015 | 12/11/2015 | 12/14/2015 | 12/14/2015 | 12/14/2015 | 12/14/2015 | 12/15/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 288 | 298 | 318 | 338 | 358 | 378 | 378 | 403 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 290 | 300 | 320 | 340 | 360 | 380 | 380 | 405 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 6 | 5.9 | 3.3 |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | 1.2 | 1.4 | 1.4 | 3.4 | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.9 J | 0.9 J | 0.59 J |
| 1,1-DICHLOROETHENE | 0.72 J | 0.77 J | 0.43 J | 0.5 U | 1.1 UJ | 0.6 J | 1.3 | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.7 UJ | 0.75 U | 0.75 U | 1.4 UJ | 1.7 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | 1 U | 0.28 J | 0.27 J | 1 U | 2.2 UJ | 1.2 J | 0.64 J | 1.8 UJ | 2.3 UJ | 1 U | 0.6 J | 0.31 J | 1 U |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5.6 UJ | 2.5 U | 2.5 U | 4.6 UJ | 5.7 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5.6 UJ | 2.5 U | 2.5 U | 4.6 UJ | 5.7 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5.6 UJ | 2.5 U | 2.5 U | 4.6 UJ | 5.7 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | 7.6 | 4.3 J | 3.2 J | 2.5 U | 15 J | 2.5 U | 4.6 J | 14 J | 16 J | 2.5 U | 2.5 J | 2.4 J | 2.5 U |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.98 J | 4.2 | 1.2 | 2.1 | 1.1 UJ | 6.2 | 1.2 | 0.91 UJ | 1.1 UJ | 4.5 | 21 | 22 | 14 |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.28 J | 0.27 J | 0.5 U | 1.1 UJ | 1.2 | 0.64 J | 0.91 UJ | 1.1 UJ | 0.5 U | 0.6 J | 0.31 J | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 UJ |
| ETHYLBENZENE | 0.25 J | 0.37 J | 0.29 J | 0.34 J | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | 0.78 J | 0.9 J | 0.73 J | 1.2 J | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.7 UJ | 0.75 U | 0.75 U | 1.4 UJ | 1.7 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-120915-198-200 | VPB165-GW-121015-218-220 | VPB165-GW-121015-238-240 | VPB165-GW-121015-258-260 | VPB165-GW-121115-278-280 | VPB165-GW-121115-288-290 | VPB165-GW-121115-298-300 | VPB165-GW-121115-318-320 | VPB165-GW-121415-338-340 | VPB165-GW-121415-358-360 | VPB165-GW-121415-378-380 | VPB165-GWD-121415 | VPB165-GW-121515-403-405 |
| SAMPLE DATE | 12/9/2015 | 12/10/2015 | 12/10/2015 | 12/10/2015 | 12/11/2015 | 12/11/2015 | 12/11/2015 | 12/11/2015 | 12/14/2015 | 12/14/2015 | 12/14/2015 | 12/14/2015 | 12/15/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 198 | 218 | 238 | 258 | 278 | 288 | 298 | 318 | 338 | 358 | 378 | 378 | 403 |
| BOTTOM DEPTH (FEET BGS) | 200 | 220 | 240 | 260 | 280 | 290 | 300 | 320 | 340 | 360 | 380 | 380 | 405 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5.6 UJ | 2.5 U | 2.5 U | 4.6 UJ | 5.7 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | 0.37 J | 0.34 J | 0.44 J | 0.46 J | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | 1.1 J | 1.7 J | 2.5 J | 0.5 UJ | 1.1 UJ | 0.95 J | 11 J | 0.91 UJ | 1.1 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| TOLUENE | 1.3 | 1.8 | 1.3 | 1.8 | 1.1 UJ | 0.27 J | 0.36 J | 0.91 UJ | 1.1 UJ | 0.5 U | 0.31 J | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 UJ | 0.5 U | 0.5 U | 0.91 UJ | 1.1 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | 6.9 | 12 | 18 | 0.5 U | 1.1 UJ | 24 | 73 | 0.91 UJ | 1.1 UJ | 0.5 U | 1.2 | 1.3 | 1.8 |
| TRICHLOROFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 2.2 UJ | 1 U | 1 U | 1.8 UJ | 2.3 UJ | 1 U | 1 U | 1 U | 1 UJ |
| XYLENES, TOTAL | 1.2 J | 1.2 J | 1.2 J | 1.6 J | 3.3 UJ | 1.5 U | 1.5 U | 2.7 UJ | 3.4 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-121515-418-420 | VPB165-GW-121615-438-440 | VPB165-GW-121615-458-460 | VPB165-GW-121715-478-480 | VPB165-GW-121715-498-500 | VPB165-GW-121715-518-520 | VPB165-GW-121815-538-540 | VPB165-GW-121815-558-560 | VPB165-GW-121815-578-580 | VPB165-GW-122115-598-600 | VPB165-GW-122115-618-620 | VPB165-GW-122115-638-640 | VPB165-GW-122215-658-660 |
| SAMPLE DATE | 12/15/2015 | 12/16/2015 | 12/16/2015 | 12/17/2015 | 12/17/2015 | 12/17/2015 | 12/18/2015 | 12/18/2015 | 12/18/2015 | 12/21/2015 | 12/21/2015 | 12/21/2015 | 12/22/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 478 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 638 | 658 |
| BOTTOM DEPTH (FEET BGS) | 420 | 438 | 460 | 480 | 500 | 520 | 540 | 560 | 578 | 600 | 620 | 640 | 660 |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.36 J | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5.7 | 16 | 19 | 13 | 7.6 J | 14 J | 25 J | 79 J | 170 J | 0.5 U | 17 J | 1.3 UJ | 73 J |
| 1,1,2-TRICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,1-DICHLOROETHANE | 1.4 | 0.62 J | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,1-DICHLOROETHENE | 0.76 J | 0.66 J | 0.98 J | 0.5 U | 0.61 J | 0.42 J | 0.64 J | 1.1 J | 0.52 J | 0.5 U | 0.4 J | 1.3 UJ | 0.5 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 2 UJ | 0.75 UJ |
| 1,2-DIBROMOETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,2-DICHLOROETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 1.2 J | 3.8 | 3.2 | 2.8 | 2.9 J | 2.8 J | 2.4 J | 3.9 J | 0.87 J | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| 1,2-DICHLOROPROPANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,3-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,4-DICHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 6.7 UJ | 2.5 UJ |
| 2-HEXANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 6.7 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 6.7 UJ | 2.5 UJ |
| ACETONE | 4.2 J | 3.4 J | 2.5 U | 2.5 U | 4.1 J | 3.4 J | 6 J | 5.9 J | 4.9 J | 4.8 J | 5.7 J | 6.7 UJ | 3.2 J |
| BENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| BROMOFORM | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| BROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| CARBON DISULFIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CHLOROBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 2.7 UJ | 1 UJ |
| CHLOROFORM | 12 | 2.7 | 5.8 | 5 | 1.1 J | 0.64 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CHLOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 0.71 J | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | 1.2 | 3.8 | 3.2 | 2.8 | 2.9 J | 2.8 J | 2.4 J | 3.9 J | 0.87 J | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CIS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| DIBROMOCHLOROMETHANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| DICHLORODIFLUOROMETHANE | 0.38 J | 1 UJ | 0.26 J | 1 UJ | 1 UJ | 0.39 J | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| ETHYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| ISOPROPYLBENZENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| M- AND P-XYLENE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| METHYL ACETATE | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 2 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |

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| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-121515-418-420 | VPB165-GW-121615-438-440 | VPB165-GW-121615-458-460 | VPB165-GW-121715-478-480 | VPB165-GW-121715-498-500 | VPB165-GW-121715-518-520 | VPB165-GW-121815-538-540 | VPB165-GW-121815-558-560 | VPB165-GW-121815-578-580 | VPB165-GW-122115-598-600 | VPB165-GW-122115-618-620 | VPB165-GW-122115-638-640 | VPB165-GW-122215-658-660 |
| SAMPLE DATE | 12/15/2015 | 12/16/2015 | 12/16/2015 | 12/17/2015 | 12/17/2015 | 12/17/2015 | 12/18/2015 | 12/18/2015 | 12/18/2015 | 12/21/2015 | 12/21/2015 | 12/21/2015 | 12/22/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 418 | 438 | 458 | 478 | 498 | 518 | 538 | 558 | 578 | 598 | 618 | 638 | 658 |
| BOTTOM DEPTH (FEET BGS) | 420 | 438 | 460 | 480 | 500 | 520 | 540 | 560 | 578 | 600 | 620 | 640 | 660 |
| METHYL TERT-BUTYL ETHER | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| METHYLENE CHLORIDE | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 6.7 UJ | 2.5 UJ |
| O-XYLENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| STYRENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| TETRACHLOROETHENE | 0.5 U | 16 | 9 | 11 | 14 J | 7.6 J | 2 J | 5.5 J | 2.6 J | 0.5 UJ | 0.5 UJ | 1.3 UJ | 2.5 J |
| TOLUENE | 0.53 J | 0.5 U | 0.38 J | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.34 J | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| TRANS-1,3-DICHLOROPROPENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ |
| TRICHLOROETHENE | 12 | 140 | 62 | 45 | 95 J | 35 J | 16 J | 39 J | 9 J | 0.5 U | 0.52 J | 1.3 UJ | 4.4 J |
| TRICHLOROFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| VINYL CHLORIDE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 2.7 UJ | 1 UJ |
| XYLENES, TOTAL | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 4 UJ | 1.5 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

**NIRIS Analytical Data Query**
**Volatile Organic Compounds (VOCs) in Vertical Profile Borings**
**Former NWIRP Bethpage, New York**


| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-122215-678-680 | VPB165-GW-122315-698-700 | VPB165-GW-122315-718-720 | VPB165-GW-122815-738-740 | VPB165-GWD-122815 | VPB165-GW-122815-758-760 | VPB165-GW-122915-788-790 | VPB165-GW-122915-798-800 | VPB165-GW-122915-818-820 | VPB165-GW-123015-838-840 | VPB165-GW-123015-858-860 |
| SAMPLE DATE | 12/22/2015 | 12/23/2015 | 12/23/2015 | 12/28/2015 | 12/28/2015 | 12/28/2015 | 12/29/2015 | 12/29/2015 | 12/29/2015 | 12/30/2015 | 12/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 678 | 698 | 718 | 738 | 738 | 758 | 788 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 680 | 700 | 720 | 740 | 740 | 760 | 790 | 800 | 820 | 840 | 860 |
| **Volatile Organics** | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,1,2,2-TETRACHLOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,1,2-TRICHLOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,1-DICHLOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,1-DICHLOROETHENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,2,3-TRICHLOROBENZENE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | 3 UJ | 0.75 UJ | 2.5 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 1.2 UJ | 0.75 UJ | 3 UJ |
| 1,2-DIBROMOETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,2-DICHLOROETHENE, TOTAL | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| 1,2-DICHLOROPROPANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,3-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,4-DICHLOROBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| 1,4-DIOXANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 10 UJ | 2.5 UJ | 8.3 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 4 UJ | 2.5 UJ | 10 UJ |
| 2-HEXANONE | 10 UJ | 2.5 UJ | 8.3 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 4 UJ | 2.5 UJ | 10 UJ |
| 4-METHYL-2-PENTANONE | 10 UJ | 2.5 UJ | 8.3 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 4 UJ | 2.5 UJ | 10 UJ |
| ACETONE | 9.3 J | 3.2 J | 8.3 UJ | 3.7 J | 4.1 J | 2.5 J | 2.5 UJ | 2.5 UJ | 4 UJ | 2.5 UJ | 10 UJ |
| BENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| BROMOCHLOROMETHANE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| BROMOFORM | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| BROMOMETHANE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| CARBON DISULFIDE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CARBON TETRACHLORIDE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CHLOROBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CHLOROETHANE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| CHLOROFORM | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CHLOROMETHANE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| CIS-1,2-DICHLOROETHENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CIS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| CYCLOHEXANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| DIBROMOCHLOROMETHANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| DICHLORODIFLUOROMETHANE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| ETHYLBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| ISOPROPYLBENZENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| M- AND P-XYLENE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| METHYL ACETATE | 3 UJ | 0.75 UJ | 2.5 UJ | 0.75 UJ | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 UJ | 1.2 UJ | 0.75 UJ | 3 UJ |
| METHYL CYCLOHEXANE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |

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| LOCATION | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 | VPB165 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | VPB165-GW-122215-678-680 | VPB165-GW-122315-698-700 | VPB165-GW-122315-718-720 | VPB165-GW-122815-738-740 | VPB165-GWD-122815 | VPB165-GW-122815-758-760 | VPB165-GW-122915-788-790 | VPB165-GW-122915-798-800 | VPB165-GW-122915-818-820 | VPB165-GW-123015-838-840 | VPB165-GW-123015-858-860 |
| SAMPLE DATE | 12/22/2015 | 12/23/2015 | 12/23/2015 | 12/28/2015 | 12/28/2015 | 12/28/2015 | 12/29/2015 | 12/29/2015 | 12/29/2015 | 12/30/2015 | 12/30/2015 |
| SAMPLE CODE | NORMAL | NORMAL | NORMAL | NORMAL | DUP | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| UNITS | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| TOP DEPTH (FEET BGS) | 678 | 698 | 718 | 738 | 738 | 758 | 788 | 798 | 818 | 838 | 858 |
| BOTTOM DEPTH (FEET BGS) | 680 | 700 | 720 | 740 | 740 | 760 | 790 | 800 | 820 | 840 | 860 |
| METHYL TERT-BUTYL ETHER | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| METHYLENE CHLORIDE | 10 UJ | 2.5 UJ | 8.3 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 4 UJ | 2.5 UJ | 10 UJ |
| O-XYLENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| STYRENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TETRACHLOROETHENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TOLUENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TRANS-1,2-DICHLOROETHENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TRANS-1,3-DICHLOROPROPENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TRICHLOROETHENE | 2 UJ | 0.5 UJ | 1.7 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 UJ | 0.8 UJ | 0.5 UJ | 2 UJ |
| TRICHLOROFLUOROMETHANE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| VINYL CHLORIDE | 4 UJ | 1 UJ | 3.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1.6 UJ | 1 UJ | 4 UJ |
| XYLENES, TOTAL | 6 UJ | 1.5 UJ | 5 UJ | 1.5 UJ | 1.5 UJ | 1.5 UJ | 1.5 U | 1.5 UJ | 2.4 UJ | 1.5 UJ | 6 UJ |

**Notes:**
BGS- feet below ground surface
DUP- Duplicate
GW- Groundwater
J- Estimated value
NIRIS- Naval Instalation Restoration Information S
R- Rejected
U- Non Detect
VPB- Verical Profile Boring
µg/kg- micrograms per kilogram
µg/L- micrograms per liter
-- Not Analyzed

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A3- ALL VOCs NOT AVAILABLE IN NIRIS

ARCADIS

# Third Quarter 2001
# Groundwater Monitoring Report

Operable Unit 2
Northrop Grumman Corporation,
Bethpage, New York



P R E P A R E D F O R

Northrop Grumman Corporation

Table 7. Concentrations of Volatile Organic Compounds Detected in Shallow Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | 10631 N-10631 05/08/01 | 10631 N-10631 09/27/01 | 10634 N-10634 05/07/01 | 10634 N-10634 10/04/01 | FW-03 FW-03 05/31/01 | FW-03 FW-03 10/04/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <10 J | <10 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 J | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <10 J | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 J | <10 | <10 | <10 J | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | **0.6 J** | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | **0.5 J** | **0.7 J** |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 J | <10 | <10 | <10 J | <10 |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | **2 J** | **2 J** |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 J | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **0.4 J** | **0.9 J** | <10 | <10 | **28** | **27** |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | <10 | <10 | <10 | <10 | **22** | **21** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 | <10 | <10 |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | **3 J** | <10 |
| Total VOCs | | | **0.4** | **0.9** | 0 | 0 | **56.1** | **50.7** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 7. Concentrations of Volatile Organic Compounds Detected in Shallow Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-15S 15S 05/02/01 | GM-15S GM-15S 10/08/01 | GM-16SR GM-16SR 05/08/01 | GM-16SR GM-16SR 10/03/01 | GM-17SR 17SR 05/02/01 | GM-17SR GM-17SR 10/02/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <10 | <10 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 J | <10 | <10 | <10 | <10 J | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | **2 J** | **0.8 J** | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **13** | **8 J** | <10 | <10 | <10 | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Tetrachloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Total VOCs | | | **15** | **8.8** | 0 | 0 | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
Value exceeds associated Standard Criteria and Guidance value.

Table 7. Concentrations of Volatile Organic Compounds Detected in Shallow Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-18S 18S 05/30/01 | GM-18S GM-18S 09/28/01 | GM-21S 21S 05/30/01 | GM-21S GM-21S 09/27/01 | GM-23S GM-23S 2/15/2001 | GM-23S GM-23S 10/02/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <10 J | <10 | <10 | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 J | <10 J | <10 J | <10 J | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 J | <10 J | <10 J | <10 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **2 J** | **3 J** | <10 | <10 | <10 | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 J | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 J | <10 | <10 J |
| Tetrachloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 J | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | **0.3 J** | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | **0.3 J** | <10 | <10 | <10 | < 10 | <10 |
| Total VOCs | | | **2.3** | **3** | 0 | **0.3** | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 7. Concentrations of Volatile Organic Compounds Detected in Shallow Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values(1) | WELL: SAMPLE ID: DATE: | GM-78S 78S 06/04/01 | GM-78S GM-78S 09/27/01 | HN-40S HN-40S 05/04/01 | HN-40S HN-40S 10/05/01 | HN-42S HN-42S 05/04/01 |
|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <10 J | <10 | <10 J |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 J | <0.2 | <0.2 J |
| Chloroethane | 5 | | <10 | <10 | <10 J | <10 | <10 J |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 J | <10 J | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | **0.5 J** | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 J | <10 J | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 J | <10 | <10 J |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **1 J** | **2 J** | <10 | **3 J** | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | **0.5 J** | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **0.4 J** | <10 | <10 | **1 J** | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 | <10 |
| Toluene | 5 | | <10 | <10 | <10 | **0.9 J** | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | **0.8 J** | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | <10 |
| Total VOCs | | | **1.4** | **2** | **0.5** | **6.2** | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 7. Concentrations of Volatile Organic Compounds Detected in Shallow Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | HN-42S HN-42S 10/05/01 | MW-03R MW-3R 05/08/01 | MW-03R MW-3R 09/27/01 |
|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | **1 J** | <10 |
| Chloroform | 7 | | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 |
| Trichloroethene | 5 | | <10 | **5 J** | **1 J** |
| Dibromochloromethane | 5 | | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 | <10 J |
| Tetrachloroethene | 5 | | <10 | **0.4 J** | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 |
| Total VOCs | | | 0 | **6.4** | **1** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-15I 15I 05/01/01 | GM-15I GM-15I 10/08/01 | GM-16I 16I 05/01/01 | GM-16I GM-16I 10/03/01 | GM-17I 17I 05/02/01 | GM-17I GM-17I 10/02/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 J | <10 J | <10 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 J | <10 | <10 J | <10 | <10 J | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | **1 J** | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | **1 J** | **3 J** | **2 J** | **2 J** | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | **0.6 J** | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **4 J** | **18** | **21** | **18** | <10 | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Tetrachloroethene | 5 | | <10 | <10 | **3 J** | **3 J** | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | **4 J** | **3 J** | <10 | <10 |
| Total VOCs | | | **5** | **21.6** | **31** | **26** | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-18I 18I 06/04/01 | GM-18I GM-18I 09/28/01 | GM-20I+ REP3 6/5/2001 | GM-20I GM-20I 10/01/01 | GM-21I 21I 05/30/01 | GM-21I GM-21I 10/01/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <10 J | <10 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 J | <10 J | <10 J | <10 J | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 J | <10 J | <10 | <10 J | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **0.4 J** | **0.7 J** | **1 J** | **0.8 J** | <10 | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| Tetrachloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | < 10 | <10 | <10 | <10 |
| Total VOCs | | | **0.4** | **0.7** | **1** | **0.8** | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-23I GM-23I 2/15/2001 | GM-23I GM-23I 10/02/01 | GM-74I 74I 06/05/01 | GM-74I GM-74I 10/09/01 | GM-78I 78I 06/04/01 | GM-78I GM-78I 09/27/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <10 J | <10 J | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 J | **11 J** | **3 J** | <10 | <10 J | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | **0.6 J** | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | **0.9 J** | **0.7 J** | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 J | <10 J | <10 | <10 J | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **6 J** | **6 J** | <10 | <10 | **0.8 J** | **3 J** |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| Tetrachloroethene | 5 | | **3 J** | **3 J** | <10 | <10 | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Total VOCs | | | **9.9** | **20.7** | **3** | **0.6** | **0.8** | **3** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-79I 79I 05/07/01 | GM-79I GM-79I 10/11/01 | HN-24I HN-24I 05/31/01 | HN-24I HN-24I 10/04/01 | HN-24I** REP2 10/04/01 | HN-29I HN-29I 05/31/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <20 J | <10 | <10 | <10 J |
| Bromomethane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 J | <0.2 | <0.4 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 J | <10 | <20 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 J | <20 J | <10 | <10 J | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | **11 J** | **10** | **9 J** | <10 |
| 1,1-Dichloroethane | 5 | | **2 J** | **2 J** | **7 J** | **8 J** | **7 J** | **0.9 J** |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | **11 J** | **12** | **12** | <10 |
| Chloroform | 7 | | <10 | <10 | **0.6 J** | **1 J** | **0.6 J** | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 J | <20 J | <10 | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | **8 J** | **9 J** | **8 J** | **0.7 J** |
| Carbon tetrachloride | 5 | | <10 J | <10 | <20 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **3 J** | **2 J** | **180** | **160** | **150** | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <20 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <20 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | <10 | <10 | **8 J** | **8 J** | **7 J** | **0.9 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Toluene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <20 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | **18 J** | **31** | **29** | **0.4 J** |
| Total VOCs | | | **5** | **4** | **243.6** | **239** | **222.6** | **2.9** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | HN-29I HN-29I 10/04/01 | HN-40I HN-40I 05/04/01 | HN-40I HN-40I 10/05/01 | HN-42I HN-42I 05/04/01 | HN-42I HN-42I 10/05/01 | MW-52S 52S 2/12/2001 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 J | <10 | <10 J | <10 | <50 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Vinyl Choride | 2 | | <0.2 | <0.2 J | <0.2 | <0.2 J | <0.2 | **470** |
| Chloroethane | 5 | | <10 | <10 J | <10 | <10 J | <10 | <50 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Acetone | 50 | | <10 J | <10 | <14 | <10 | <10 | <50 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,1-Dichloroethane | 5 | | **0.7 J** | <10 | <10 | <10 | <10 | <50 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,1,1-Trichloroethane | 5 | | **0.6 J** | <10 | <10 | <10 | <10 | <50 |
| Carbon tetrachloride | 5 | | <10 | <10 J | <10 | <10 J | <10 | <50 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Trichloroethene | 5 | | **1 J** | **4 J** | **4 J** | **0.9 J** | **0.9 J** | <50 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <50 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Tetrachloroethene | 5 | | <10 | **0.6 J** | **1 J** | <10 | <10 | **6 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Toluene | 5 | | <10 | -- | <10 | <10 | <10 | <50 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <50 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | <10 | **2 J** |
| Total VOCs | | | **2.3** | **4.6** | **5** | **0.9** | **0.9** | **478** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 8. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | MW-52S MW-52S 10/03/01 |
|---|---|---|---|
| Chloromethane | 5 | | <40 |
| Bromomethane | 5 | | <40 |
| Vinyl Choride | 2 | | **320** |
| Chloroethane | 5 | | <40 |
| Methylene chloride | 5 | | <40 |
| Acetone | 50 | | <63 J |
| Carbon disulfide | 50 | | <40 |
| 1,1-Dichloroethene | 5 | | <40 |
| 1,1-Dichloroethane | 5 | | <40 |
| 1,2-Dichloroethene (total) | 5 | | <40 |
| Chloroform | 7 | | <40 |
| 1,2-Dichloroethane | 5 | | <40 |
| 2-Butanone | 50 | | <40 J |
| 1,1,1-Trichloroethane | 5 | | <40 |
| Carbon tetrachloride | 5 | | <40 |
| Bromodichloromethane | 50 | | <40 |
| 1,2-Dichloropropane | 5 | | <40 |
| cis-1,3-Dichloropropene | 5 | | <40 |
| Trichloroethene | 5 | | <40 |
| Dibromochloromethane | 5 | | <40 J |
| 1,1,2-Trichloroethane | 5 | | <40 J |
| Benzene | 0.7 | | <40 |
| trans-1,3-Dichloropropene | 5 | | <40 |
| Bromoform | 50 | | <40 |
| 4-Methyl-2-pentanone | 50 | | <40 J |
| 2-Hexanone | 50 | | <40 J |
| Tetrachloroethene | 5 | | **8 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <40 J |
| Toluene | 5 | | <40 |
| Chlorobenzene | 5 | | <40 |
| Ethylbenzene | 5 | | <40 |
| Styrene | 5 | | <40 |
| Xylene (total) | 5 | | <40 |
| Freon-113 * | 5 | | **3 J** |
| Total VOCs | | | **331** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.
+ Based on Field Logs and Historical Data, it appears that the bottleware for REP3 and GM-20I were switched; the corrected Ids are shown on their respective Site Ids.

Table 9. Concentrations of Volatile Organic Compounds Detected in Deep Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: | 10627 | 10627 | GM-13D | GM-13D | GM-15D | GM-15D |
|---|---|---|---|---|---|---|---|---|
| | | SAMPLE ID: | N-10627 | N-10627 | 13D | GM-13D | 15D | GM-15D |
| | | DATE: | 06/06/01 | 10/10/01 | 06/06/01 | 10/11/01 | 04/30/01 | 10/08/01 |
| Chloromethane | 5 | | <10 | <10 | <50 | <50 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <1 | <1 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <50 | <50 | <10 J | <10 |
| Methylene chloride | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Acetone | 50 | | **3 J** | <10 | <50 | <50 J | <10 | <10 |
| Carbon disulfide | 50 | | <10 | <10 | <50 | <50 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | **83** | **97** | **4 J** | **6 J** |
| 1,1-Dichloroethane | 5 | | <10 | <10 | **64** | **65** | **7 J** | **11** |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | **200** | **200** | **2 J** | **1 J** |
| Chloroform | 7 | | <10 | <10 | <50 | <50 | **0.7 J** | **0.6 J** |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| 2-Butanone | 50 | | <10 J | <10 | <50 J | <50 J | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | **100** | **130** | **3 J** | **4 J** |
| Carbon tetrachloride | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <50 | <50 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Trichloroethene | 5 | | **7 J** | **4 J** | **330** | **320** | **12** | **10** |
| Dibromochloromethane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <50 | <50 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 J | <50 | <50 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <50 | <50 | <10 | <10 |
| 2-Hexanone | 50 | | <10 J | <10 | <50 J | <50 | <10 | <10 |
| Tetrachloroethene | 5 | | <10 | <10 | **650** | **860** | **5 J** | **7 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Toluene | 5 | | <10 | <10 | <50 | <50 | <10 | **0.3 J** |
| Chlorobenzene | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <50 | <50 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | **14 J** | **17 J** | **0.4 J** | <10 |
| Total VOCs | | | **10** | **4** | **1,441** | **1,689** | **34.1** | **39.9** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 9. Concentrations of Volatile Organic Compounds Detected in Deep Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-17D 17D 05/01/01 | GM-17D GM-17D 10/02/01 | GM-18D 18D 06/04/01 | GM-18D GM-18D 09/28/01 | GM-20D 20D 06/06/01 | GM-20D GM-20D 10/01/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <10 | <10 | <10 | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 J | <10 | <10 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 J | <10 | <10 J | <10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chloroform | 7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | **3 J** | <10 J | <10 | <10 J | <10 J | <10 |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | <10 | <10 | **2 J** | **2 J** | <10 | <10 |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 J | <10 | <10 J | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 J | <10 | <10 J | <10 J | <10 |
| Tetrachloroethene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 J | <10 | <10 J | <10 | <10 |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Total VOCs | | | **3** | 0 | **2** | **2** | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 9. Concentrations of Volatile Organic Compounds Detected in Deep Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-34D 34D 05/03/01 | GM-34D GM-34D 10/10/01 | GM-36D 36D 06/07/01 | GM-36D GM-36D 09/19/01 | GM-37D 37D 06/01/01 | GM-37D GM-37D 09/26/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 J | <10 | <10 | <10 J | <10 |
| Bromomethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 J | <10 | <10 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <10 | <10 | <10 | <10 J | <10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | **5 J** | **4 J** | <10 | <10 | **3 J** | **3 J** |
| 1,1-Dichloroethane | 5 | | **4 J** | **3 J** | <10 | <10 | **7 J** | **6 J** |
| 1,2-Dichloroethene (total) | 5 | | **4 J** | **4 J** | <10 | **0.3 J** | <10 | <10 |
| Chloroform | 7 | | **0.7 J** | **0.6 J** | <10 | <10 | **1 J** | **1 J** |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <10 | <10 | <10 J | <10 | <10 J | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | **0.6 J** | <10 | <10 | **4 J** | **3 J** |
| Carbon tetrachloride | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **110** | **140** | **22** | **16** | **0.8 J** | **0.5 J** |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <10 | <10 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 | <10 J | <10 | <10 | <10 J |
| Tetrachloroethene | 5 | | **4 J** | **5 J** | **1 J** | **2 J** | **2 J** | **1 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 | <10 | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | **0.8 J** | <10 | <10 | **1 J** | **0.5 J** | <10 |
| Freon-113 * | 5 | | **22** | **28** | <10 | <10 | <10 | <10 |
| Total VOCs | | | **150.5** | **185.2** | **23** | **19.3** | **18.3** | **14.5** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 9. Concentrations of Volatile Organic Compounds Detected in Deep Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-38D 38D 05/11/01 | GM-38D GM-38D 09/18/01 | GM-74D 74D 06/05/01 | GM-74D GM-74D 10/09/01 | GM-79D 79D 05/03/01 | GM-79D GM-79D 10/11/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <50 | <50 | <10 J | <10 J | <10 J | <10 |
| Bromomethane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <1 | <1 | <0.2 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <50 J | <50 | <10 | <10 | <10 J | <10 |
| Methylene chloride | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Acetone | 50 | | <50 | <50 J | **7 J** | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <50 | <50 | <10 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | **6 J** | **6 J** | **0.8 J** | <10 | **1 J** | **2 J** |
| 1,1-Dichloroethane | 5 | | <50 | **2 J** | <10 | <10 | **0.9 J** | **1 J** |
| 1,2-Dichloroethene (total) | 5 | | **3 J** | <50 | **1 J** | <10 | **1 J** | **1 J** |
| Chloroform | 7 | | **1 J** | <50 | <10 | <10 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <50 | <50 | <10 J | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | **4 J** | <50 | <10 | <10 | **1 J** | **1 J** |
| Carbon tetrachloride | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <50 | <50 | <10 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **660** | **810** | **63** | **35** | **49** | **63** |
| Dibromochloromethane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Benzene | 0.7 | | <50 | <50 | <10 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Bromoform | 50 | | <50 | <50 | <10 | <10 | <10 | <10 J |
| 4-Methyl-2-pentanone | 50 | | <50 | <50 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **1 J** | **2 J** | **4 J** | **2 J** | **0.4 J** | **2 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Toluene | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <50 | **7 J** | <10 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Styrene | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <50 | <50 | <10 | <10 | <10 | <10 |
| Freon-113 * | 5 | | <50 | <50 | **2 J** | **0.9 J** | **0.5 J** | **0.8 J** |
| Total VOCs | | | **675** | **827** | **77.8** | **37.9** | **53.8** | **70.8** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 9. Concentrations of Volatile Organic Compounds Detected in Deep Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | HN-29D HN-29D 05/31/01 | HN-29D HN-29D 10/04/01 | MW-52I 52I 2/12/2001 | MW-52I MW-52I 10/03/01 | MW-52D 52D 2/12/2001 | MW-52D MW-52D 10/03/01 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <200 | <200 | <10 | <10 |
| Bromomethane | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | **1900** | **1700** | <0.2 | <0.2 |
| Chloroethane | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Methylene chloride | 5 | | <10 | <10 | <200 | <260 | <10 | <10 |
| Acetone | 50 | | <10 J | <10 J | <200 J | <1800J | 10 | <10 J |
| Carbon disulfide | 50 | | <10 | <10 | <200 | <200 | 10 | <10 |
| 1,1-Dichloroethene | 5 | | <10 | <10 | <200 | <200 | **0.9 J** | **0.6 J** |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <200 | <200 | **2 J** | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | <10 | **36 J** | **30 J** | **4 J** | **5 J** |
| Chloroform | 7 | | <10 | <10 | <200 | <200 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| 2-Butanone | 50 | | <10 J | <10 | <200 | <200 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Carbon tetrachloride | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Bromodichloromethane | 50 | | <10 | <10 | <200 | <200 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Trichloroethene | 5 | | <10 | **2 J** | **45 J** | **21 J** | **30** | **33** |
| Dibromochloromethane | 5 | | <10 | <10 | <200 | <200 J | <10 | <10 J |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <200 | <200 J | <10 | <10 J |
| Benzene | 0.7 | | <10 | <10 | <200 | <200 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Bromoform | 50 | | <10 | <10 | <200 | <200 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <200 | <200 J | <10 | <10 J |
| 2-Hexanone | 50 | | <10 | <10 | <200 | <200 J | <10 | <10 J |
| Tetrachloroethene | 5 | | **0.2 J** | **1 J** | **42 J** | **32 J** | **15** | **20** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <200 | <200 J | <10 | <10 J |
| Toluene | 5 | | <10 | <10 | <200 | <200 | **1 J** | <10 |
| Chlorobenzene | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Ethylbenzene | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Styrene | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Xylene (total) | 5 | | <10 | <10 | <200 | <200 | <10 | <10 |
| Freon-113 * | 5 | | <10 | <10 | < 200 | <200 | < 10 | <10 |
| Total VOCs | | | **0.2** | **3** | **2,023** | **1783** | **52.9** | **58.6** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-15D2 15D2 04/30/01 | GM-15D2 GM-15DZ 10/08/01 | GM-33D2 33D2 06/06/01 | GM-33D2 GM-33D2 09/28/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 J | <10 | <50 | <40 |
| Bromomethane | 5 | | <10 | <10 | <50 | <40 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <1 | <0.8 |
| Chloroethane | 5 | | <10 J | <10 | <50 | <40 |
| Methylene chloride | 5 | | <10 | <10 | <50 | <40 |
| Acetone | 50 | | <10 | <10 | **36 J** | <40 J |
| Carbon disulfide | 50 | | <10 | <10 | <50 | <40 |
| 1,1-Dichloroethene | 5 | | **1 J** | **2 J** | <50 | <40 |
| 1,1-Dichloroethane | 5 | | <10 | <10 | <50 | <40 |
| 1,2-Dichloroethene (total) | 5 | | **0.8 J** | **1 J** | <50 | **2 J** |
| Chloroform | 7 | | <10 | <10 | <50 | <40 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <50 | <40 |
| 2-Butanone | 50 | | <10 | <10 | <50 J | <40 |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <50 | <40 |
| Carbon tetrachloride | 5 | | <10 | <10 | <50 | <40 |
| Bromodichloromethane | 50 | | <10 | <10 | <50 | <40 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <50 | <40 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <50 | <40 |
| Trichloroethene | 5 | | **13** | **16** | **500** | **450** |
| Dibromochloromethane | 5 | | <10 | <10 | <50 | <40 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <50 | <40 |
| Benzene | 0.7 | | <10 | <10 | <50 | <40 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <50 | <40 |
| Bromoform | 50 | | <10 | <10 | <50 | <40 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <50 | <40 |
| 2-Hexanone | 50 | | <10 | <10 | <50 J | <40 |
| Tetrachloroethene | 5 | | **7 J** | **12** | **12 J** | **13 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <50 | <40 |
| Toluene | 5 | | <10 | <10 | <50 | <40 |
| Chlorobenzene | 5 | | <10 | <10 | <50 | <40 |
| Ethylbenzene | 5 | | <10 | <10 | <50 | <40 |
| Styrene | 5 | | <10 | <10 | <50 | <40 |
| Xylene (total) | 5 | | <10 | <10 | <50 | <40 |
| Freon-113 * | 5 | | **0.8 J** | <10 | **4 J** | **2 J** |
| Total VOCs | | | **22.6** | **31** | **552** | **467** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-33D2** REP1 09/28/01 | GM-34D2 34D2 05/03/01 | GM-34D2 GM-34D2 10/10/01 | GM-35D2 35D2 06/07/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <40 | <10 J | <10 J | <20 |
| Bromomethane | 5 | | <40 | <10 | <10 | <20 |
| Vinyl Choride | 2 | | <0.8 | <0.2 | <0.2 | <0.4 |
| Chloroethane | 5 | | <40 | <10 J | <10 | <20 |
| Methylene chloride | 5 | | <40 | <10 | <10 | <20 |
| Acetone | 50 | | <40 J | <10 | <10 | <20 |
| Carbon disulfide | 50 | | <40 | <10 | <10 | <20 |
| 1,1-Dichloroethene | 5 | | <40 | **8 J** | **6 J** | <20 |
| 1,1-Dichloroethane | 5 | | <40 | **1 J** | **0.6 J** | <20 |
| 1,2-Dichloroethene (total) | 5 | | <40 | **2 J** | **3 J** | **4 J** |
| Chloroform | 7 | | <40 | <10 | <10 | <20 |
| 1,2-Dichloroethane | 5 | | <40 | <10 | <10 | <20 |
| 2-Butanone | 50 | | <40 J | <10 | <10 | <20 |
| 1,1,1-Trichloroethane | 5 | | <40 | **2 J** | **1 J** | <20 |
| Carbon tetrachloride | 5 | | <40 | <10 | <10 | <20 |
| Bromodichloromethane | 50 | | <40 | <10 | <10 | <20 |
| 1,2-Dichloropropane | 5 | | <40 | <10 | <10 | <20 |
| cis-1,3-Dichloropropene | 5 | | <40 | <10 | <10 | <20 |
| Trichloroethene | 5 | | **390** | **100** | **130** | **200** |
| Dibromochloromethane | 5 | | <40 | <10 | <10 | <20 |
| 1,1,2-Trichloroethane | 5 | | <40 | <10 | <10 | <20 |
| Benzene | 0.7 | | <40 | <10 | <10 | <20 |
| trans-1,3-Dichloropropene | 5 | | <40 | <10 | <10 | <20 |
| Bromoform | 50 | | <40 | <10 | <10 | <20 |
| 4-Methyl-2-pentanone | 50 | | <40 J | <10 | <10 | <20 |
| 2-Hexanone | 50 | | <40 J | <10 | <10 | <20 |
| Tetrachloroethene | 5 | | **11 J** | **8 J** | **9 J** | **2 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <40 J | <10 | <10 | <20 |
| Toluene | 5 | | <40 | <10 | <10 | <20 |
| Chlorobenzene | 5 | | <40 | <10 | <10 | <20 |
| Ethylbenzene | 5 | | <40 | <10 | <10 | <20 |
| Styrene | 5 | | <40 | <10 | <10 | <20 |
| Xylene (total) | 5 | | <40 | **0.5 J** | <10 | <20 |
| Freon-113 * | 5 | | **3 J** | **16** | **15** | **7 J** |
| Total VOCs | | | **404** | **137.5** | **164.6** | **213** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-35D2 GM-35D2 09/24/01 | GM-36D2 36D2 06/07/01 | GM-36D2 GM-36D2 09/19/01 | GM-37D2 37D2 06/01/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <20 | <10 | <10 | <10 J |
| Bromomethane | 5 | | <20 | <10 | <10 | <10 |
| Vinyl Choride | 2 | | <0.4 | <0.2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <20 | <10 | <10 | <10 |
| Methylene chloride | 5 | | <20 | <10 | <10 | <10 |
| Acetone | 50 | | <20 | **52** | <10 J | <10 J |
| Carbon disulfide | 50 | | <20 | <10 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | **2 J** | <10 | <10 | **2 J** |
| 1,1-Dichloroethane | 5 | | **0.6 J** | <10 | <10 | **9 J** |
| 1,2-Dichloroethene (total) | 5 | | **4 J** | <10 | <10 | <10 |
| Chloroform | 7 | | **0.6 J** | <10 | <10 | **0.9 J** |
| 1,2-Dichloroethane | 5 | | <20 | <10 | <10 | <10 |
| 2-Butanone | 50 | | <20 | <10 | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <20 | <10 | <10 | **2 J** |
| Carbon tetrachloride | 5 | | <20 | <10 | <10 | <10 |
| Bromodichloromethane | 50 | | <20 | <10 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <20 | <10 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <20 | <10 | <10 | <10 |
| Trichloroethene | 5 | | **350** | <10 | <10 | **2 J** |
| Dibromochloromethane | 5 | | <20 | <10 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <20 | <10 | <10 | <10 |
| Benzene | 0.7 | | <20 | <10 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <20 | <10 | <10 | <10 |
| Bromoform | 50 | | <20 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <20 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <20 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **4 J** | <10 J | **0.3 J** | **0.7 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <20 | <10 | <10 | <10 |
| Toluene | 5 | | <20 | <10 | <10 | <10 |
| Chlorobenzene | 5 | | <20 | <10 | <10 | <10 |
| Ethylbenzene | 5 | | <20 | <10 | <10 | <10 |
| Styrene | 5 | | <20 | <10 | <10 | <10 |
| Xylene (total) | 5 | | <20 | <10 | <10 | <10 |
| Freon-113 * | 5 | | **9 J** | <10 | <10 | <10 |
| Total VOCs | | | **370.2** | **52** | **0.3** | **16.6** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GM-37D2 GM-37D2 09/26/01 | GM-38D2 38D2 05/11/01 | GM-38D2 GM-38D2 09/18/01 | GM-70D2 70D2 05/10/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <100 | <100 | <10 |
| Bromomethane | 5 | | <10 | <100 | <100 | <10 |
| Vinyl Choride | 2 | | <0.2 | <2 | <2 | <0.2 |
| Chloroethane | 5 | | <10 | <100 J | <100 | <10 |
| Methylene chloride | 5 | | <10 | <100 | <100 | <10 |
| Acetone | 50 | | <10 J | <180 | <100 J | <10 |
| Carbon disulfide | 50 | | <10 | <100 | <100 | <10 |
| 1,1-Dichloroethene | 5 | | **2 J** | <100 | <100 | <10 |
| 1,1-Dichloroethane | 5 | | **9 J** | <100 | <100 | <10 |
| 1,2-Dichloroethene (total) | 5 | | <10 | **10 J** | **9 J** | **1 J** |
| Chloroform | 7 | | **0.8 J** | <100 | **1 J** | <10 |
| 1,2-Dichloroethane | 5 | | <10 | <100 | <100 | <10 |
| 2-Butanone | 50 | | <10 J | <100 | <100 | <10 |
| 1,1,1-Trichloroethane | 5 | | **3 J** | <100 | <100 | <10 |
| Carbon tetrachloride | 5 | | <10 | <100 | <100 | <10 |
| Bromodichloromethane | 50 | | <10 | <100 | <100 | <10 |
| 1,2-Dichloropropane | 5 | | <10 | <100 | <100 | <10 |
| cis-1,3-Dichloropropene | 5 | | <10 | <100 | <100 | <10 |
| Trichloroethene | 5 | | **2 J** | **1100** | **1500** | **49** |
| Dibromochloromethane | 5 | | <10 | <100 | <100 | <10 |
| 1,1,2-Trichloroethane | 5 | | <10 | 2 J | <100 | <10 |
| Benzene | 0.7 | | <10 | <100 | <100 | <10 |
| trans-1,3-Dichloropropene | 5 | | <10 | <100 | <100 | <10 |
| Bromoform | 50 | | <10 | <100 | <100 | <10 |
| 4-Methyl-2-pentanone | 50 | | <10 J | <100 | <100 | <10 |
| 2-Hexanone | 50 | | <10 J | <100 | <100 | <10 |
| Tetrachloroethene | 5 | | **0.3 J** | <100 | **2 J** | **3 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 J | <100 | <100 | <10 |
| Toluene | 5 | | <10 | <100 | <100 | <10 |
| Chlorobenzene | 5 | | <10 | <100 | **3 J** | <10 |
| Ethylbenzene | 5 | | <10 | <100 | <100 | <10 |
| Styrene | 5 | | <10 | <100 | <100 | <10 |
| Xylene (total) | 5 | | <10 | <100 | <100 | <10 |
| Freon-113 * | 5 | | <10 | <100 | <100 | **0.7 J** |
| Total VOCs | | | **17.1** | **1,112** | **1,515** | **53.7** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-70D2 GM-70D2 09/24/01 | GM-71D2 71D2 05/10/01 | GM-71D2 GM-71D2 09/20/01 | GM-73D2 73D2 06/05/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <10 | <50 |
| Bromomethane | 5 | | <10 | <10 | <10 | <50 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <0.2 | <1 |
| Chloroethane | 5 | | <10 | <10 | <10 | <50 |
| Methylene chloride | 5 | | <10 | <10 | <10 | <50 |
| Acetone | 50 | | <10 | <10 | <10 | **36 J** |
| Carbon disulfide | 50 | | <10 | <10 | <10 | <50 |
| 1,1-Dichloroethene | 5 | | <10 | **0.6 J** | <10 | **4 J** |
| 1,1-Dichloroethane | 5 | | <10 | **0.5 J** | **0.7 J** | <50 |
| 1,2-Dichloroethene (total) | 5 | | **1 J** | <10 | <10 | **5 J** |
| Chloroform | 7 | | <10 | **1 J** | **0.9 J** | <50 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <10 | <50 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <50 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <10 | <50 |
| Carbon tetrachloride | 5 | | <10 | <10 | **1 J** | <50 |
| Bromodichloromethane | 50 | | <10 | <10 | <10 | <50 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <10 | <50 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <50 |
| Trichloroethene | 5 | | **56** | **5 J** | **4 J** | **830** |
| Dibromochloromethane | 5 | | <10 | <10 | <10 | <50 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <10 | <50 |
| Benzene | 0.7 | | <10 | <10 | <10 | <50 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <10 | <50 |
| Bromoform | 50 | | <10 | <10 | <10 | <50 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <50 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <50 |
| Tetrachloroethene | 5 | | **2 J** | <10 | <10 | **2 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <10 | <50 |
| Toluene | 5 | | <10 | <10 | <10 | <50 |
| Chlorobenzene | 5 | | <10 | <10 | <10 | <50 |
| Ethylbenzene | 5 | | <10 | <10 | <10 | <50 |
| Styrene | 5 | | <10 | <10 | <10 | <50 |
| Xylene (total) | 5 | | <10 | <10 | <10 | <50 |
| Freon-113 * | 5 | | <10 | <10 | <10 | <50 |
| Total VOCs | | | **59** | **7.1** | **6.6** | **877** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-73D2 / GM-73D2 / 10/09/01 | GM-74D2 / 74D2 / 06/05/01 | GM-74D2 / GM-74D2 / 10/09/01 | GM-75D2 / 75D2 / 06/06/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <100 | <10 J | <10 J | <100 |
| Bromomethane | 5 | | <100 | <10 | <10 | <100 |
| Vinyl Choride | 2 | | <2 | <0.2 | <0.2 | <2 |
| Chloroethane | 5 | | <100 | <10 | <10 | <100 |
| Methylene chloride | 5 | | <100 | <10 | <10 | <100 |
| Acetone | 50 | | <100 | **5 J** | <10 | **86 J** |
| Carbon disulfide | 50 | | <100 | <10 | <10 | <100 |
| 1,1-Dichloroethene | 5 | | <100 | <10 | <10 | **37 J** |
| 1,1-Dichloroethane | 5 | | <100 | <10 | <10 | <100 |
| 1,2-Dichloroethene (total) | 5 | | **8 J** | <10 | <10 | <100 |
| Chloroform | 7 | | <100 | <10 | <10 | <100 |
| 1,2-Dichloroethane | 5 | | <100 | <10 | <10 | <100 |
| 2-Butanone | 50 | | <100 | <10 J | <10 | <100 J |
| 1,1,1-Trichloroethane | 5 | | <100 | <10 | <10 | <100 |
| Carbon tetrachloride | 5 | | <100 | <10 | <10 | <100 |
| Bromodichloromethane | 50 | | <100 | <10 | <10 | <100 |
| 1,2-Dichloropropane | 5 | | <100 | <10 | <10 | <100 |
| cis-1,3-Dichloropropene | 5 | | <100 | <10 | <10 | <100 |
| Trichloroethene | 5 | | **1100** | **4 J** | **3 J** | **1100** |
| Dibromochloromethane | 5 | | <100 | <10 | <10 | <100 |
| 1,1,2-Trichloroethane | 5 | | <100 | <10 | <10 | <100 |
| Benzene | 0.7 | | <100 | <10 | <10 | <100 |
| trans-1,3-Dichloropropene | 5 | | <100 | <10 | <10 | <100 |
| Bromoform | 50 | | <100 J | <10 | <10 | <100 |
| 4-Methyl-2-pentanone | 50 | | <100 | <10 | <10 | <100 |
| 2-Hexanone | 50 | | <100 | <10 | <10 | <100 J |
| Tetrachloroethene | 5 | | <100 | **1 J** | **0.8 J** | **8 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <100 | <10 | <10 | <100 |
| Toluene | 5 | | <100 | <10 | <10 | <100 |
| Chlorobenzene | 5 | | <100 | <10 | <10 | <100 |
| Ethylbenzene | 5 | | <100 | <10 | <10 | <100 |
| Styrene | 5 | | <100 | <10 | <10 | <100 |
| Xylene (total) | 5 | | <100 | <10 | <10 | <100 |
| Freon-113 * | 5 | | <100 | **0.3 J** | <10 | **13 J** |
| Total VOCs | | | **1,108** | **10.3** | **3.8** | **1,244** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-75D2 GM-75D2 10/10/01 | GM-75D2** REP3 10/10/01 | GP-1 GP-1 06/21/01 | GP-1 GP-1 10/12/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <100 | <100 | <50 | <50 |
| Bromomethane | 5 | | <100 | <100 | <50 | <50 |
| Vinyl Choride | 2 | | <2 | <2 | <1 | <1 |
| Chloroethane | 5 | | <100 | <100 | <50 | <50 |
| Methylene chloride | 5 | | <100 | <100 | <50 | <50 |
| Acetone | 50 | | <100 J | <100 J | <50 | <50 |
| Carbon disulfide | 50 | | <100 | <100 | <50 | <50 |
| 1,1-Dichloroethene | 5 | | **57 J** | **55 J** | **5 J** | **8 J** |
| 1,1-Dichloroethane | 5 | | **6 J** | **5 J** | <50 | <50 |
| 1,2-Dichloroethene (total) | 5 | | **6 J** | <100 | **10 J** | **10 J** |
| Chloroform | 7 | | <100 | <100 | <50 | <50 |
| 1,2-Dichloroethane | 5 | | <100 | <100 | <50 | <50 |
| 2-Butanone | 50 | | <100 J | <100 J | <50 | <50 |
| 1,1,1-Trichloroethane | 5 | | **13 J** | **12 J** | <50 | <50 |
| Carbon tetrachloride | 5 | | <100 | <100 | <50 | <50 |
| Bromodichloromethane | 50 | | <100 | <100 | <50 | <50 |
| 1,2-Dichloropropane | 5 | | <100 | <100 | <50 | <50 |
| cis-1,3-Dichloropropene | 5 | | <100 | <100 | <50 | <50 |
| Trichloroethene | 5 | | **1400** | **1400** | **500** | **490** |
| Dibromochloromethane | 5 | | <100 | <100 | <50 | <50 |
| 1,1,2-Trichloroethane | 5 | | <100 | <100 | <50 | <50 |
| Benzene | 0.7 | | <100 | <100 | <50 | <50 |
| trans-1,3-Dichloropropene | 5 | | <100 | <100 | <50 | <50 |
| Bromoform | 50 | | <100 | <100 | <50 | <50 |
| 4-Methyl-2-pentanone | 50 | | <100 | <100 | <50 | <50 |
| 2-Hexanone | 50 | | <100 | <100 | <50 | <50 |
| Tetrachloroethene | 5 | | **12 J** | **8 J** | **71** | **71** |
| 1,1,2,2-Tetrachloroethane | 5 | | <100 | <100 | <50 | <50 |
| Toluene | 5 | | <100 | <100 | <50 | <50 |
| Chlorobenzene | 5 | | <100 | <100 | <50 | <50 |
| Ethylbenzene | 5 | | <100 | <100 | <50 | <50 |
| Styrene | 5 | | <100 | <100 | <50 | <50 |
| Xylene (total) | 5 | | <100 | <100 | <50 | <50 |
| Freon-113 * | 5 | | **10 J** | **10 J** | **9 J** | **7 J** |
| Total VOCs | | | **1,504** | **1,490** | **595** | **586** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GP-3 GP-3 06/21/01 | GP-3 GP-3 10/12/01 | GP-1/3 INFLUENT GP 1/3 INF 06/21/01 | GP-1/3 INFLUENT GP1/3 INF 10/12/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <100 | <200 | <50 | <100 |
| Bromomethane | 5 | | <100 | <200 | <50 | <100 |
| Vinyl Choride | 2 | | **10** | <4 | <1 | <2 |
| Chloroethane | 5 | | <100 | <200 | <50 | <100 |
| Methylene chloride | 5 | | <100 | <200 | <50 | <100 |
| Acetone | 50 | | <110 | <200 | <50 | <100 J |
| Carbon disulfide | 50 | | <100 | <200 | <50 | <100 |
| 1,1-Dichloroethene | 5 | | **9 J** | <200 | **7 J** | <100 |
| 1,1-Dichloroethane | 5 | | <100 | <200 | <50 | <100 |
| 1,2-Dichloroethene (total) | 5 | | <100 | <200 | **9 J** | **11 J** |
| Chloroform | 7 | | <100 | <200 | <50 | <100 |
| 1,2-Dichloroethane | 5 | | <100 | <200 | <50 | <100 |
| 2-Butanone | 50 | | <100 | <200 | <50 | <100 J |
| 1,1,1-Trichloroethane | 5 | | <100 | <200 | <50 | <100 |
| Carbon tetrachloride | 5 | | <100 | <200 | <50 | <100 |
| Bromodichloromethane | 50 | | <100 | <200 | <50 | <100 |
| 1,2-Dichloropropane | 5 | | <100 | <200 | <50 | <100 |
| cis-1,3-Dichloropropene | 5 | | <100 | <200 | <50 | <100 |
| Trichloroethene | 5 | | **1800** | **2200** | **740** | **1000** |
| Dibromochloromethane | 5 | | <100 | <200 | <50 | <100 |
| 1,1,2-Trichloroethane | 5 | | <100 | <200 | <50 | <100 |
| Benzene | 0.7 | | <100 | <200 | <50 | <100 |
| trans-1,3-Dichloropropene | 5 | | <100 | <200 | <50 | <100 |
| Bromoform | 50 | | <100 | <200 | <50 | <100 |
| 4-Methyl-2-pentanone | 50 | | <100 | <200 | <50 | <100 |
| 2-Hexanone | 50 | | <100 | <200 | <50 | <100 |
| Tetrachloroethene | 5 | | **73 J** | **80 J** | **64** | **70 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <100 | <200 | <50 | <100 |
| Toluene | 5 | | <100 | <200 | <50 | <100 |
| Chlorobenzene | 5 | | <100 | <200 | <50 | <100 |
| Ethylbenzene | 5 | | <100 | <200 | <50 | <100 |
| Styrene | 5 | | <100 | <200 | <50 | <100 |
| Xylene (total) | 5 | | <100 | <200 | <50 | <100 |
| Freon-113 * | 5 | | **28 J** | **24 J** | **9 J** | **9 J** |
| Total VOCs | | | **1,920** | **2,304** | **829** | **1,090** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | GP-1/3 INFLUENT** REP 4 10/12/01 | GP-1/3 EFFLUENT GP 1/3 EFF 06/21/01 | GP-1/3 EFFLUENT GP1/3 EFF 10/12/01 |
|---|---|---|---|---|---|
| Chloromethane | 5 | | <100 | <10 | <10 |
| Bromomethane | 5 | | <100 | <10 | <10 |
| Vinyl Choride | 2 | | <2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <100 | <10 | <10 |
| Methylene chloride | 5 | | <100 | <10 | <10 |
| Acetone | 50 | | <100 J | <10 | <10 J |
| Carbon disulfide | 50 | | <100 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | <100 | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <100 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | **12 J** | <10 | <10 |
| Chloroform | 7 | | <100 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <100 | <10 | <10 |
| 2-Butanone | 50 | | <100 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <100 | <10 | <10 |
| Carbon tetrachloride | 5 | | <100 | <10 | <10 |
| Bromodichloromethane | 50 | | <100 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <100 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <100 | <10 | <10 |
| Trichloroethene | 5 | | **1000** | <10 | <10 |
| Dibromochloromethane | 5 | | <100 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <100 | <10 | <10 |
| Benzene | 0.7 | | <100 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <100 | <10 | <10 |
| Bromoform | 50 | | <100 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <100 | <10 | <10 |
| 2-Hexanone | 50 | | <100 | <10 | <10 |
| Tetrachloroethene | 5 | | **81 J** | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <100 | <10 | <10 |
| Toluene | 5 | | <100 | <10 | <10 |
| Chlorobenzene | 5 | | <100 | <10 | <10 |
| Ethylbenzene | 5 | | <100 | <10 | <10 |
| Styrene | 5 | | <100 | <10 | <10 |
| Xylene (total) | 5 | | <100 | <10 | <10 |
| Freon-113 * | 5 | | **14 J** | <10 | <10 |
| Total VOCs | | | **1,107** | 0 | 0 |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | ONCT-1 ONCT-1 06/21/01 | ONCT-1 ONCT 1 10/12/01 | ONCT-2 ONCT-2 06/21/01 | ONCT-2 ONCT 2 10/12/01 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <100 | <100 | <10 | <10 |
| Bromomethane | 5 | | <100 | <100 | <10 | <10 |
| Vinyl Choride | 2 | | <2 | <2 | <0.2 | <0.2 |
| Chloroethane | 5 | | <100 | <100 | <10 | <10 |
| Methylene chloride | 5 | | <100 | <100 | <10 | <11 |
| Acetone | 50 | | <120 | <100 J | <10 | <10 J |
| Carbon disulfide | 50 | | <100 | <100 | <10 | **2 J** |
| 1,1-Dichloroethene | 5 | | <100 | <100 | **4 J** | **4 J** |
| 1,1-Dichloroethane | 5 | | <100 | <100 | <10 | **2 J** |
| 1,2-Dichloroethene (total) | 5 | | <100 | <100 | **2 J** | **2 J** |
| Chloroform | 7 | | <100 | <100 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <100 | <100 | <10 | <10 |
| 2-Butanone | 50 | | <100 | <100 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <100 | <100 | <10 | **2 J** |
| Carbon tetrachloride | 5 | | <100 | <100 | <10 | <10 |
| Bromodichloromethane | 50 | | <100 | <100 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <100 | <100 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <100 | <100 | <10 | <10 |
| Trichloroethene | 5 | | **1500** | **1600** | **200** | **190** |
| Dibromochloromethane | 5 | | <100 | <100 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <100 | <100 | <10 | <10 |
| Benzene | 0.7 | | <100 | <100 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <100 | <100 | <10 | <10 |
| Bromoform | 50 | | <100 | <100 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <100 | <100 | <10 | <10 |
| 2-Hexanone | 50 | | <100 | <100 | <10 | <10 |
| Tetrachloroethene | 5 | | **13 J** | **13 J** | **11** | **9 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <100 | <100 | <10 | <10 |
| Toluene | 5 | | <100 | <100 | <10 | <10 |
| Chlorobenzene | 5 | | <100 | <100 | <10 | <10 |
| Ethylbenzene | 5 | | <100 | <100 | <10 | <10 |
| Styrene | 5 | | <100 | <100 | <10 | <10 |
| Xylene (total) | 5 | | <100 | <100 | <10 | <10 |
| Freon-113 * | 5 | | <100 | <100 | **1 J** | **0.9 J** |
| Total VOCs | | | **1,513** | **1,613** | **218** | **211.9** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | ONCT-3 ONCT-3 06/21/01 | ONCT-3 ONCT 3 10/12/01 | ONCT INFLUENT ONCT INF 06/21/01 |
|---|---|---|---|---|---|
| Chloromethane | 5 | | <10 | <10 | <200 |
| Bromomethane | 5 | | <10 | <10 | <200 |
| Vinyl Choride | 2 | | <0.2 | <0.2 | <4 |
| Chloroethane | 5 | | <10 | <10 | <200 |
| Methylene chloride | 5 | | <10 | <10 | <210 |
| Acetone | 50 | | <10 | <10 J | **1400 J** |
| Carbon disulfide | 50 | | <10 | <10 | <200 |
| 1,1-Dichloroethene | 5 | | **0.6 J** | **2 J** | **17 J** |
| 1,1-Dichloroethane | 5 | | <10 | **1 J** | <200 |
| 1,2-Dichloroethene (total) | 5 | | **1 J** | **2 J** | **39 J** |
| Chloroform | 7 | | **1 J** | **0.9 J** | <200 |
| 1,2-Dichloroethane | 5 | | <10 | <10 | <200 |
| 2-Butanone | 50 | | <10 | <10 J | <200 J |
| 1,1,1-Trichloroethane | 5 | | <10 | <10 | <200 |
| Carbon tetrachloride | 5 | | <10 | <10 | <200 |
| Bromodichloromethane | 50 | | <10 | <10 | <200 |
| 1,2-Dichloropropane | 5 | | <10 | <10 | <200 |
| cis-1,3-Dichloropropene | 5 | | <10 | <10 | <200 |
| Trichloroethene | 5 | | **20** | **18** | **2300** |
| Dibromochloromethane | 5 | | <10 | <10 | <200 |
| 1,1,2-Trichloroethane | 5 | | <10 | <10 | <200 |
| Benzene | 0.7 | | <10 | <10 | <200 |
| trans-1,3-Dichloropropene | 5 | | <10 | <10 | <200 |
| Bromoform | 50 | | <10 | <10 | <200 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <200 J |
| 2-Hexanone | 50 | | <10 | <10 | <200 J |
| Tetrachloroethene | 5 | | **12** | **9 J** | **15 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <10 | <10 | <200 |
| Toluene | 5 | | <10 | <10 | <200 |
| Chlorobenzene | 5 | | <10 | <10 | <200 |
| Ethylbenzene | 5 | | <10 | <10 | <200 |
| Styrene | 5 | | <10 | <10 | <200 |
| Xylene (total) | 5 | | <10 | <10 | <200 |
| Freon-113 * | 5 | | **0.6 J** | **0.6 J** | <200 |
| Total VOCs | | | **35.2** | **33.5** | **3,771** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
[ ] Value exceeds associated Standard Criteria and Guidance value.

Table 10. Concentrations of Volatile Organic Compounds Detected in D2 Wells, Second and Third Quarters 2001, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT: (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: SAMPLE ID: DATE: | ONCT INFLUENT ONCT INF 10/12/01 | ONCT EFFLUENT ONCT EFF 06/21/01 | ONCT EFFLUENT ONCT EFF 10/12/01 |
|---|---|---|---|---|---|
| Chloromethane | 5 | | <50 | <10 | <10 |
| Bromomethane | 5 | | <50 | <10 | <10 |
| Vinyl Choride | 2 | | <1 | <0.2 | <0.2 |
| Chloroethane | 5 | | <50 | <10 | <10 |
| Methylene chloride | 5 | | <50 | <10 | <10 |
| Acetone | 50 | | <50 J | <10 | <10 J |
| Carbon disulfide | 50 | | <50 | <10 | <10 |
| 1,1-Dichloroethene | 5 | | **8 J** | <10 | <10 |
| 1,1-Dichloroethane | 5 | | <50 | <10 | <10 |
| 1,2-Dichloroethene (total) | 5 | | **5 J** | <10 | <10 |
| Chloroform | 7 | | <50 | <10 | <10 |
| 1,2-Dichloroethane | 5 | | <50 | <10 | <10 |
| 2-Butanone | 50 | | <50 J | <10 | <10 J |
| 1,1,1-Trichloroethane | 5 | | <50 | <10 | <10 |
| Carbon tetrachloride | 5 | | <50 | <10 | <10 |
| Bromodichloromethane | 50 | | <50 | <10 | <10 |
| 1,2-Dichloropropane | 5 | | <50 | <10 | <10 |
| cis-1,3-Dichloropropene | 5 | | <50 | <10 | <10 |
| Trichloroethene | 5 | | **920** | <10 | **2 J** |
| Dibromochloromethane | 5 | | <50 | <10 | <10 |
| 1,1,2-Trichloroethane | 5 | | <50 | <10 | <10 |
| Benzene | 0.7 | | <50 | <10 | <10 |
| trans-1,3-Dichloropropene | 5 | | <50 | <10 | <10 |
| Bromoform | 50 | | <50 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | | <50 | <10 | <10 |
| 2-Hexanone | 50 | | <50 | <10 | <10 |
| Tetrachloroethene | 5 | | **12 J** | <10 | <10 |
| 1,1,2,2-Tetrachloroethane | 5 | | <50 | <10 | <10 |
| Toluene | 5 | | <50 | <10 | <10 |
| Chlorobenzene | 5 | | <50 | <10 | <10 |
| Ethylbenzene | 5 | | <50 | <10 | <10 |
| Styrene | 5 | | <50 | <10 | <10 |
| Xylene (total) | 5 | | <50 | <10 | <10 |
| Freon-113 * | 5 | | **10 J** | <10 | <10 |
| Total VOCs | | | **955** | 0 | **2** |

VOCs Volatile organic compounds.
ug/L Micrograms per liter.
J Estimated value.
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
** Replicate Sample.
NYSDEC New York State Department of Environmental Conservation.
(1) Standards Criteria and Guidance values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller 2000).
Value exceeds associated Standard Criteria and Guidance value.

N90845.PF.000823

# First Quarter 2005 Groundwater Monitoring Report

Operable Unit 2
Northrop Grumman Corporation,
Bethpage, New York
NYSDEC Site #1-30-003A

ARCADIS
*Infrastructure, environment, buildings*

ARCADIS



Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: / SAMPLE ID: / DATE: | FW-03 / FW-03 / 4/12/2005 | MW-03R / MW-3R / 4/13/2005 | 10624 / N-10624 / 4/16/2005 | 10627 / N-10627 / 4/16/2005 | 10631 / N-10631 / 4/16/2005 | 10634 / N-10634 / 4/14/2005 | GM-13D / GM-13D / 3/25/2005 | GM-15S / GM-15S / 3/16/2005 | GM-15I / GM-15I / 3/16/2005 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | **54** | <5 | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | **26** | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | **110** | <5 | **0.9J** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | **0.8J** | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | **33** | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **3J** | **2J** | <5 | **1J** | <5 | **0.5J** | **160** | **2J** | **5J** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | **10** | <5 | <5 | <5 | <5 | <5 | **640D** | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | **0.7J** | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | <5 | <5 | <5 | **11** | <5 | <5 |
| **Total VOCs** | | **13** | **2.7** | 0 | **1** | 0 | 0.5 | 1034.8 | **2** | **5.9** |

(1) Wells GM-39$D_A$ and GM-39$D_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: | GM-15D | GM-15D2 | GM-16SR | GM-16I | GM-17S | GM-17I | GM-17D | GM-18S | GM-18I |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | GM-15D | GM-15D2 | GM-16SR | GM-16I | GM-17SR | GM-17I | GM-17D | GM-18S | GM-18I |
| | DATE: | 3/16/2005 | 3/16/2005 | 4/11/2005 | 4/11/2005 | 4/16/2005 | 3/25/2005 | 3/25/2005 | 4/15/2005 | 3/18/2005 |
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | **2J** | **0.8J** | <5 | **4J** | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | | **3J** | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | **10** | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **1J** | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **3J** | **11** | <5 | **60** | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | **3J** | **15** | <5 | **16** | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | **1J** | <5 | <5 | <5 | <5 | **0.6J** | <5 | <5 |
| **Total VOCs** | | 11 | **27.8** | 0 | **90** | 0 | 0 | **0.6** | **1** | 0 |

(1) Wells GM-39D$_A$ and GM-39D$_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: | GM-18D | GM-20I | GM-20D | GM-21I | GM-21D | GM-21S | GM-32S | GM-33D2 | GM-34D |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | GM-18D | GM-20I | GM-20D | GM-21I | GM-21D | MW-21S | GM-32S | GM-33D2 | GM-34D |
| | DATE: | 3/18/2005 | 3/18/2005 | 3/18/2005 | 3/17/2005 | 3/17/2005 | 4/13/2005 | 4/18/2005 | 4/16/2005 | 4/14/2005 |
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **5J** |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **7** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **7** | <5 | <5 | <5 | **0.6J** | <5 | **4J** | **43** | **430D** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | **0.6J** | <5 | <5 | <5 | <5 | <5 | <5 | **5J** | **7** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **3J** | **24** |
| **Total VOCs** | | **7.6** | 0 | 0 | 0 | **0.6** | 0 | **4** | **51** | **473** |

(1) Wells GM-39D$_A$ and GM-39D$_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: / SAMPLE ID: / DATE: | GM-34D2 GM-34D2 4/14/2005 | GM-35D2 GM-35D2 3/28/2005 | GM-36D GM-36D 3/30/2005 | GM-36D2 GM-36D2 3/30/2005 | GM-37D GM-37D 3/30/2005 | GM-37D2 GM-37D2 4/1/2005 | GM-38D GM-38D 3/31/2005 | GM-38D2 GM-38D2 3/31/2005 | GM-39D$_A$[1] GM-39D 3/23/2005 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | **4J** | **2J** | <5 | <5 | **0.9J** | **3J** | **5J** | **2J** | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | **2J** | **7** | **3J** | <5 | <5 |
| cis-1,2-Dichloroethene | | **6** | **4J** | <5 | <5 | <5 | <5 | **2J** | **6** | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | **0.6J** | **0.4J** | **0.7J** | **0.7J** | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | **3J** | **3J** | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **180** | **330D** | **9** | <5 | <5 | **1J** | **830D** | **1400D** | **9** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | **0.6J** | **2J** | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | **6** | **8** | **0.7J** | <5 | **0.8J** | <5 | **0.6J** | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | **8** | **9** | <5 | <5 | <5 | <5 | **0.9J** | **1J** | <5 |
| **Total VOCs** | | **204** | **353** | **9.7** | **0** | **4.3** | **14.4** | **845.8** | **1411.7** | **9** |

(1) Wells GM-39D$_A$ and GM-39D$_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: | GM-39D$_B$[1] | GM-70D2 | GM-71D2 | GM-73D | GM-73D2 | GM-74I | GM-74D | GM-74D2 | GM-75D2 |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | GM-39D2 | GM-70D2 | GM-71D2 | GM-73D | GM-73D2 | GM-74I | GM-74D | GM-74D2 | GM-75D2 |
| | DATE: | 3/25/2005 | 4/18/2005 | 3/28/2005 | 3/22/2005 | 3/22/2005 | 3/22/2005 | 3/22/2005 | 3/22/2005 | 4/16/2005 |
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | **2J** | <5 | **0.8J** | <5 | <5 | **0.5J** | **4J** |
| 1,1-Dichloroethane | | <5 | <5 | **9** | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | **0.6J** | <5 | <5 | <5 | **1J** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | **1J** | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | **2J** | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **28** | **82** | **5J** | **82** | **320D** | <5 | **3J** | **8** | **330D** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | **7** | <5 | **0.6J** | **1J** | <5 | <5 | **8** | **4J** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | **2J** | <5 | <5 | <5 | <5 | <5 | <5 | **1J** |
| **Total VOCs** | | **28** | **91** | **19** | **82.6** | **322.4** | 0 | **3** | **16.5** | **340** |

(1) Wells GM-39D$_A$ and GM-39D$_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: / SAMPLE ID: / DATE: | GM-78S GM-78S 4/13/2005 | GM-78I GM-78I 4/13/2005 | GM-79I GM-79I 3/23/2005 | GM-79D GM-79D 3/23/2005 | HN-24I HN-24I 4/12/2005 | HN-29I HN-29I 4/12/2005 | HN-29D HN-29D 4/14/2005 | HN-40S HN-40S 3/14/2005 | HN-40I HN-40I 3/14/2005 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | **0.5J** | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | **0.7J** | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | **0.5J** | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **0.9J** | **1J** | <5 | **68** | <5 | <5 | **0.7J** | <5 | **4J** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | <5 | **2J** | <5 | <5 | <5 | <5 | **2J** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | **1J** | <5 | <5 | <5 | <5 | <5 |
| **Total VOCs** | | **0.9** | 1 | 0 | **72.7** | 0 | 0 | **0.7** | 0 | **6** |

(1) Wells GM-39D$_A$ and GM-39D$_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | SITE: / SAMPLE ID: / DATE: | HN-42S / HN-42S / 3/14/2005 | HN-42I / HN-42I / 3/14/2005 | GP-1 / WELL-1 / 5/6/2005 | GP-3 / WELL-3 / 5/6/2005 | ONCT-1 / ONCT WELL-1 / 5/5/2005 | ONCT-2 / ONCT WELL-2 / 5/5/2005 | ONCT-3 / ONCT WELL-3 / 5/5/2005 |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | **200D** | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | **5J** | **25** | **2J** | **3J** | **1J** |
| 1,1-Dichloroethane | | <5 | <5 | <5 | **4J** | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | **8** | **18** | **3J** | **1J** | **16** |
| Chloroform | | <5 | <5 | **0.3J** | **0.5J** | <5 | <5 | **1J** |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | **1J** | **6** | **0.6J** | **2J** | **0.6J** |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | <5 | <5 | **440D** | **2400D** | **570D** | **130** | **86** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | **1J** | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | **120** | **60** | **13** | **8** | **8** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | **1J** | <5 |
| Chlorobenzene | | <5 | <5 | <5 | **0.7J** | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | **9** | **27** | **9** | **1J** | **0.7J** |
| **Total VOCs** | | 0 | 0 | **583.3** | **2742.2** | **597.6** | **146** | **113.3** |

(1) Wells GM-39$D_A$ and GM-39$D_B$ are screened in the upper and basal portions of the Deep zone, respectively.

ug/L Micrograms per liter

J Estimated Value

D Constituent Identified at a Secondary Dilution

**Bold** Constituent detected

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*Infrastructure, environment, facilities*

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ENVIRONMENT

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Subject:
First Quarter 2006 Groundwater Monitoring Data,
Operable Unit 2 Monitoring Network,
Northrop Grumman Systems Corporation, Bethpage, New York.
(NYSDEC Site # 1-30-003A)

Date:
12 July 2006

Contact:
David E. Stern

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Our ref:
NY001348.0406.00004

Dear Mr. Scharf:

On behalf of Northrop Grumman Systems Corporation (NGC), ARCADIS is providing the NYSDEC with the validated results of groundwater monitoring performed in accordance with the approved groundwater monitoring plan (ARCADIS Geraghty & Miller, 2001; ARCADIS G&M, Inc. 2004; 2006) for the First Quarter 2006 for Operable Unit 2. Tables 1 and 2 provide the complete results of monitoring for volatile organic compounds (VOCs) and cadmium and chromium (Cd/Cr), respectively, for this period.

Please contact us if you have any questions or comments.

Sincerely,

ARCADIS G&M, Inc.

David E. Stern
Senior Scientist

Carlo San Giovanni
Project Manager

Enclosures

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Imagine the result

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: | MW-03R | FW-03 | 10631 | 10624 | 10627 | 10634 | GM-13D | GM-15S | GM-15I |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | MW-3R | FW-03 | N-10631 | N-10624 | N-10627 | N-10634 | GM-13D | GM-15S | GM-15I |
| | DATE: | 03/15/06 | 03/14/06 | 03/16/06 | 03/16/06 | 03/16/06 | 04/10/06 | 03/09/06 | 03/13/06 | 03/31/06 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 8 | < 2 | < 2 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Methylene chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **8 JB** | < 5 | < 5 |
| Acetone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | **25 J** | < 10 | < 10 |
| Carbon disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 1 1-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **32** | < 5 | < 5 |
| 1 1-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **14 J** | < 5 | < 5 |
| cis-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **60** | **1 J** | < 5 |
| trans-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 1 2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 2-Butanone (MEK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 40 | < 10 | < 10 |
| 1 1 1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 1 2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| cis-1 3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Trichloroethene | | **0.8 J** | **4 J** | **0.5 J** | < 5 | **1 J** | < 5 | **130** | **12** | **3 J** |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 1 1 2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 3 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 40 | < 10 | < 10 |
| 2-Hexanone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 40 | < 10 | < 10 |
| Tetrachloroethene | | < 5 | **10** | < 5 | < 5 | < 5 | < 5 | **510 D** | < 5 | < 5 |
| 1 1 2 2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Xylenes (total) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Vinyl Acetate | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 20 | < 5 | < 5 |
| Freon 113 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5 J** | < 5 | < 5 |
| **Total VOCs** | | **0.8** | **14** | **0.5** | 0 | **1** | 0 | **784** | **13** | **3** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-15D GM-15D 03/13/06 | GM-15D2 GM-15D-2 03/13/06 | GM-16SR GM-16SR 04/10/06 | GM-16I GM-16I 04/10/06 | GM-17S GW-17S 03/15/06 | GM-17I GM-17I 03/08/06 | GM-17D GM-17D 03/08/06 | GM-18S GM-18S 03/16/06 | GM-18I GM-18I 04/11/06 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 UB | < 5 UB | < 5 | < 5 UB |
| Acetone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 UB |
| Carbon disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethene | | < 5 | **0.8 J** | < 5 | **3 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethane | | < 5 | < 5 | < 5 | **1 J** | < 5 | < 5 | < 5 | < 5 | **2 J** |
| cis-1 2-Dichloroethene | | < 5 | < 5 UM | < 5 | **6** | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 1 1 1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | | **1 J** | **13** | **4 J** | **47** | < 5 | < 5 | < 5 UH | < 5 | **0.4 J** |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1 2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Tetrachloroethene | | **1 J** | **18** | < 5 | **14** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1 2 2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes (total) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Freon 113 | | < 5 | **1 JH** | < 5 | < 5 | < 5 | < 5 | < 5 UM | < 5 | < 5 |
| **Total VOCs** | | **2** | **32.8** | **4** | **71** | 0 | 0 | 0 | 0 | **2.4** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: | GM-18D | GM-20I | GM-20D | GM-21S | GM-21I | GM-21D | HM-29D | GM-32S | GM-33D2 |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | GM-18D | GM-20I | GM-20D | GW-21S | GM-21I | GM-21D | HW-29D | GM-32S | GM-33D-2 |
| | DATE: | 03/08/06 | 03/09/06 | 03/09/06 | 03/15/06 | 03/31/06 | 03/07/06 | 03/14/06 | 03/17/06 | 03/16/06 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene chloride | | < 5 UB | < 5 UB | < 5 UB | < 5 | < 5 | < 5 UB | < 5 | < 5 | < 5 |
| Acetone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Carbon disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 1 1 1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | | **11** | < 5 | < 5 | < 5 | < 5 | **2 J** | < 5 | < 5 | **55** |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1 2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Tetrachloroethene | | **0.7 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **10** |
| 1 1 2 2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes (total) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Freon 113 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **42** |
| **Total VOCs** | | **11.7** | 0 | 0 | 0 | 0 | **2** | 0 | 0 | **107** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-34D GM-34D 04/07/06 | GM-34D2 GM-34D-2 04/07/06 | GM-35D2 GM-35D-2 04/06/06 | GM-36D GM-36D 04/03/06 | GM-36D2 GM-36D-2 04/03/06 | GM-37D GM-37D 04/06/06 | GM-37D2 GM-37D-2 04/05/06 | GM-38D GM-38D 04/05/06 | GM-38D2 GM-38D-2 04/05/06 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Bromomethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Vinyl Chloride | | < 10 | < 4 | < 4 | < 2 | < 2 | < 2 | < 2 | < 20 | < 20 |
| Chloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Methylene chloride | | < 25 UB | < 10 UB | < 10 UB | < 5 | < 5 | < 5 UB | < 5 UB | < 50 UB | < 50 UB |
| Acetone | | < 50 UB | < 20 UB | < 20 UB | < 10 | < 10 | < 10 | < 10 UB | < 100 UB | < 100 UB |
| Carbon disulfide | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| 1 1-Dichloroethene | | **8 J** | **3 J** | **1 J** | < 5 | < 5 | **0.4 J** | **3 J** | **6 J** | < 50 UM |
| 1 1-Dichloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | **8** | < 50 | < 50 |
| cis-1 2-Dichloroethene | | **11 J** | **8 J** | **3 J** | < 5 | < 5 | < 5 | < 5 UM | < 50 UM | **6 J** |
| trans-1 2-Dichloroethene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Chloroform | | < 25 | < 10 | < 10 | < 5 | < 5 | **0.3 J** | < 5 | < 50 | < 50 |
| 1 2-Dichloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| 2-Butanone (MEK) | | < 50 | < 20 | < 20 | < 10 | < 10 | < 10 | < 10 | < 100 | < 100 |
| 1 1 1-Trichloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | **3 J** | < 50 | < 50 |
| Carbon tetrachloride | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Bromodichloromethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| 1 2-Dichloropropane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| cis-1 3-Dichloropropene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Trichloroethene | | **780 D** | **220 D** | **320 D** | **6** | < 5 | **1 U** | **3 J** | **1200 D** | **1300 D** |
| Dibromochloromethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| 1 1 2-Trichloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Benzene | | < 4 | < 1 | < 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 7 | < 7 |
| trans-1,3-Dichloropropene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Bromoform | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| 4-Methyl-2-pentanone (MIBK) | | < 50 | < 20 | < 20 | < 10 | < 10 | < 10 | < 10 | < 100 | < 100 |
| 2-Hexanone | | < 50 | < 20 | < 20 | < 10 | < 10 | < 10 | < 10 | < 100 | < 100 |
| Tetrachloroethene | | **12 J** | **11** | **9 J** | < 5 | < 5 | **0.6 J** | **0.3 J** | < 50 | < 50 |
| 1 1 2 2-Tetrachloroethane | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Toluene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Chlorobenzene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Ethylbenzene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Styrene | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Xylenes (total) | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Vinyl Acetate | | < 25 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 |
| Freon 113 | | **33** | **6 J** | **7 J** | < 5 | < 5 | < 5 | < 5 | < 50 | < 50 UM |
| **Total VOCs** | | **844** | **248** | **340** | **6** | **0** | **1.3** | **17.3** | **1206** | **1306** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-39D$_A$[1] GM-39D 03/24/06 | GM-39D$_B$[1] GM-39D2 03/24/06 | GM-70D2 GM-70D-2 04/06/06 | GM-71D2 GM-71D-2 04/06/06 | GM-73D GM-73D 03/20/06 | GM-73D2 GM-73D-2 03/24/06 | GM-74I GM-74I 03/20/06 | GM-74D GM-74D 03/20/06 | GM-74D2 GM-74D-2 03/20/06 |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene chloride | | < 5 | < 5 | < 5 UB | < 5 UB | < 5 | < 5 | < 5 | < 5 | < 5 |
| Acetone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Carbon disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethene | | < 5 | < 5 | < 5 | **2 J** | < 5 | < 5 | < 5 | < 5 | **0.6 J** |
| 1 1-Dichloroethane | | < 5 | < 5 | < 5 | **6** | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 2-Dichloroethene | | < 5 | < 5 | **0.5 J** | **1 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1 2-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 5 | < 5 | < 5 | **2 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 1 1 1-Trichloroethane | | < 5 | < 5 | < 5 | **1 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | | **10** | **42** | **62** | **5 J** | **26** | **140** | < 5 | **3 J** | **12** |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1 2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Tetrachloroethene | | < 5 | < 5 | **7** | < 5 | < 5 | **0.9 J** | < 5 | < 5 | **12** |
| 1 1 2 2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes (total) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Freon 113 | | < 5 | < 5 | **2 J** | < 5 | < 5 | < 5 | < 5 | < 5 | **0.8 J** |
| **Total VOCs** | | **10** | **42** | **71.5** | **17** | **26** | **140.9** | **0** | **3** | **25.4** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-75D2 GM-75D-2 03/16/06 | GM-78S GW-78S 03/15/06 | GM-78I GW-78I 03/15/06 | GM-79I GM-79I 03/07/06 | GM-79D GM-79D 03/07/06 | HN-24I HW-24I 03/14/06 | HN-29I HW-29I 03/14/06 | HN-40S HN-40S 03/17/06 |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 4 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Chloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene chloride | | < 10 | < 5 | < 5 | < 5 UB | < 5 UB | < 5 | < 5 | < 5 |
| Acetone | | < 20 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Carbon disulfide | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethene | | **3 J** | < 5 | < 5 | < 5 | < 5 | < 5 UM | < 5 | < 5 |
| 1 1-Dichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 2-Dichloroethene | | < 10 UM | < 5 | < 5 | < 5 | < 5 UM | < 5 | < 5 | < 5 |
| trans-1 2-Dichloroethene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | | < 20 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 1 1 1-Trichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromodichloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 2-Dichloropropane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1 3-Dichloropropene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | | **200 D** | **0.3 J** | **0.9 J** | < 5 | **57** | **37** | **0.9 JH** | **4 J** |
| Dibromochloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1 1 2-Trichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Benzene | | < 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 20 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | < 20 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Tetrachloroethene | | **5 J** | < 5 | < 5 | < 5 | **1 J** | **0.8 JH** | **0.9 JH** | **4 J** |
| 1 1 2 2-Tetrachloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes (total) | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Freon 113 | | **2 J** | < 5 | < 5 | < 5 | **1 J** | **1 JH** | < 5 | < 5 |
| **Total VOCs** | | **210** | **0.3** | **0.9** | 0 | **59** | **38.8** | **1.8** | **8** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| WELL: | HN-40I | HN-42S | HN-42I | ONCT 1 | ONCT 2 | ONCT 3 | TOWER_EFF |
|---|---|---|---|---|---|---|---|
| CONSTITUENT \MPLE ID: | HN-40I | HN-42S | HN-42I | WELL 17 | WELL 18 | WELL 19 | 102 TOWER EFF |
| (Units in ug/L) DATE: | 03/17/06 | 03/17/06 | 03/17/06 | 04/12/06 | 04/12/06 | 04/12/06 | 04/12/06 |
| Chloromethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Bromomethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Vinyl Chloride | < 2 | < 2 | < 2 | < 10 | < 2 | < 2 | < 2 |
| Chloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Methylene chloride | < 5 | < 5 | < 5 | < 25 | < 5 UB | < 5 UB | < 5 UB |
| Acetone | < 10 | < 10 | < 10 | < 50 | < 10 UB | < 10 UB | < 10 UB |
| Carbon disulfide | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| 1 1-Dichloroethene | < 5 | < 5 | < 5 | < 25 | **4 J** | < 5 | < 5 |
| 1 1-Dichloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| cis-1 2-Dichloroethene | < 5 | < 5 | < 5 | **2 J** | **1 J** | **16** | < 5 |
| trans-1 2-Dichloroethene | < 5 | < 5 | < 5 | < 25 | < 5 | **2 J** | < 5 |
| Chloroform | < 5 | < 5 | < 5 | < 25 | < 5 | **0.8 J** | < 5 |
| 1 2-Dichloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 |
| 1 1 1-Trichloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Bromodichloromethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| 1 2-Dichloropropane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| cis-1 3-Dichloropropene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Trichloroethene | **8** | < 5 | < 5 | **500 D** | **130** | **120** | **1 J** |
| Dibromochloromethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| 1 1 2-Trichloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Benzene | < 0.7 | < 0.7 | < 0.7 | < 4 | < 0.7 | < 0.7 | < 0.7 |
| trans-1,3-Dichloropropene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Bromoform | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| 4-Methyl-2-pentanone (MIBI | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 |
| 2-Hexanone | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 |
| Tetrachloroethene | < 5 | < 5 | < 5 | **18 J** | **9** | **8** | < 5 |
| 1 1 2 2-Tetrachloroethane | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Toluene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Chlorobenzene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Ethylbenzene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Styrene | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Xylenes (total) | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Vinyl Acetate | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 |
| Freon 113 | < 5 | < 5 | < 5 | **9 J** | **1 J** | **0.6 J** | < 5 |
| **Total VOCs** | **8** | 0 | 0 | **529** | **145** | **147.4** | **1** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

Table1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and OU2 Groundwater Remedial Wells, First Quarter 2006, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: SAMPLE ID: DATE: | GP-1 WELL 1 04/12/06 | GP-3 WELL 3 04/12/06 | TOWER_EFF 96 TOWER EFF 04/12/06 |
|---|---|---|---|---|
| Chloromethane | | < 50 | < 250 | < 5 |
| Bromomethane | | < 50 | < 250 | < 5 |
| Vinyl Chloride | | < 20 | **160** | < 2 |
| Chloroethane | | < 50 | < 250 | < 5 |
| Methylene chloride | | **24 JB** | **97 JB** | < 5 UB |
| Acetone | | < 100 UB | < 500 UB | < 10 UB |
| Carbon disulfide | | < 50 | < 250 | < 5 |
| 1 1-Dichloroethene | | < 50 | **22 JM** | < 5 |
| 1 1-Dichloroethane | | < 50 | < 250 | < 5 |
| cis-1 2-Dichloroethene | | **10 J** | < 250 UM | < 5 |
| trans-1 2-Dichloroethene | | < 50 | < 250 | < 5 |
| Chloroform | | < 50 | < 250 | < 5 |
| 1 2-Dichloroethane | | < 50 | < 250 | < 5 |
| 2-Butanone (MEK) | | < 100 | < 500 | < 10 |
| 1 1 1-Trichloroethane | | < 50 | < 250 | < 5 |
| Carbon tetrachloride | | < 50 | < 250 | < 5 |
| Bromodichloromethane | | < 50 | < 250 | < 5 |
| 1 2-Dichloropropane | | < 50 | < 250 | < 5 |
| cis-1 3-Dichloropropene | | < 50 | < 250 | < 5 |
| Trichloroethene | | **820 D** | **4600 D** | **1 J** |
| Dibromochloromethane | | < 50 | < 250 | < 5 |
| 1 1 2-Trichloroethane | | < 50 | < 250 | < 5 |
| Benzene | | < 7 | < 35 | < 0.7 |
| trans-1,3-Dichloropropene | | < 50 | < 250 | < 5 |
| Bromoform | | < 50 | < 250 | < 5 |
| 4-Methyl-2-pentanone (MIBK) | | < 100 | < 500 | < 10 |
| 2-Hexanone | | < 100 | < 500 | < 10 |
| Tetrachloroethene | | **120** | **40 J** | < 5 |
| 1 1 2 2-Tetrachloroethane | | < 50 | < 250 | < 5 |
| Toluene | | < 50 | < 250 | < 5 |
| Chlorobenzene | | < 50 | < 250 | < 5 |
| Ethylbenzene | | < 50 | < 250 | < 5 |
| Styrene | | < 50 | < 250 | < 5 |
| Xylenes (total) | | < 50 | < 250 | < 5 |
| Vinyl Acetate | | < 50 | < 250 | < 5 |
| Freon 113 | | < 50 | < 250 | < 5 |
| **Total VOCs** | | **974** | **4919** | **1** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Compound was found in the blank |
| D | Constituent identified at a secondary dilution |
| H | Alternate peak selection upon analytical review |
| J | Estimated value |
| M | Manually integrated compound |
| U | Analyte was not detected at or above the reporting limit |
| **Bold** | Constituent detected |

ARCADIS
*Infrastructure, environment, facilities*

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ENVIRONMENT

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Subject:
Results of Third Quarter 2006 Groundwater Monitoring,
Operable Unit 2,
Northrop Grumman Systems Corporation, Bethpage, New York.
(NYSDEC Site # 1-30-003A)

Date:
December 21, 2006

Contact:
David E. Stern

Phone:
(631) 391-5284

Email:
dstern@arcadis-us.com

Our ref:
NY001348.0406.00004

Dear Mr. Scharf:

On behalf of Northrop Grumman Systems Corporation (NGC), ARCADIS is providing the NYSDEC with the validated results of groundwater monitoring performed in accordance with the approved groundwater monitoring plan (ARCADIS Geraghty & Miller, Inc. 2001; ARCADIS G&M, Inc. 2004; 2006) for the Third Quarter 2006 for Operable Unit 2. Table 1 provide the complete results of monitoring for volatile organic compounds (VOCs) for this period. Figure 1 shows the site plan with well locations.

Please contact us if you have any questions or comments.

Sincerely,

ARCADIS G&M, Inc.

David E. Stern
Senior Scientist

Carlo San Giovanni

Carlo San Giovanni
Project Manager

Enclosures

Copies:
See Attached Distribution List

Imagine the result

ARCADIS



Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | 10624 N-10624 10/2/2006 | 10627 N-10627 10/2/2006 | 10631 N-10621 10/2/2006 | FW-03 FW-03 10/5/2006 | GM-13D GM-13D 9/19/2006 | GM-15S GM-15S 9/28/2006 | GM-15I GM-15I 9/20/2006 | GM-15D GM-15D 9/20/2006 |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | **21** | <5 | <5 | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | **8** | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | **44** | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | **7** | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **0.6J** | **2J** | <5 | **3J** | **120** | **11** | **1J** | **1J** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | <5 | **8** | **510EJ** | <5 | <5 | **0.8J** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | <5 | **4J** | <5 | <5 | <5 |
| **Total VOCs** | | **0.67** | **2** | **0** | **11** | **714** | **11** | **1** | **1.8** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| **Bold** | Constituent detected |

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-15D2 GM-15D2 9/13/2006 | GM-17I GM-17I 9/15/2006 | GM-17D GM-17D 9/13/2006 | GM-18I GM-18I 9/22/2006 | GM-18D GM-18D 9/15/2006 | GM-20I GM-20I 9/20/2006 | GM-20D GM-20D 9/20/2006 | GM-21S GM-21S 9/28/2006 |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **13** | <5 | <5 | **0.5J** | **11** | <5 | <5 | <5 |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | **16** | <5 | <5 | <5 | **0.6J** | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | **2J** | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| **Total VOCs** | | **31** | 0 | 0 | **0.5** | **11.6** | 0 | 0 | 0 |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| **Bold** | Constituent detected |

Table 1. Concentrations of Volatile Organic Compounds Detected In Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-21I / GM-21I / 9/20/2006 | GM-21D / GM-21D / 9/18/2006 | GM-33D2 / GM-33D2 / 10/3/2006 | GM-34D / GM-34D / 9/29/2006 | GM-34D2 / GM-34D2 / 9/29/2006 | GM-35D2 / GM-35D2 / 9/21/2006 | GM-38D / GM-38D / 9/21/2006 | GM-38D2 / GM-38D2 / 9/21/2006 |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | **11** | **4J** | <5 | **8** | **3J** |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | **5J** | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | **2J** | **9J** | **8** | **3J** | **2J** | **7** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **0.3J** |
| Chloroform | | <5 | <5 | <5 | **0.7J** | <5 | <5 | **1J** | **0.8J** |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | **5J** | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | <5 | **1J** | **140** | **750D** | **290D** | **300D** | **1100D** | **1200D** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **2J** |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | **43** | **9J** | **12** | **9** | **2J** | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | **130** | **24J** | **8** | **7** | **2J** | **4J** |
| **Total VOCs** | | 0 | **1** | **315** | **803.7** | **322** | **319** | **1125** | **1217.1** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| **Bold** | Constituent detected |

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | WELL: / SAMPLE ID: / DATE: | GM-39D GM-39D 9/18/2006 | GM-39D2 GM-39D2 9/18/2006 | GM-73D GM-73D 9/14/2006 | GM-73D2 GM-73D2 9/14/2006 | GM-74I GM-74I 9/14/2006 | GM-74D GM-74D 9/14/2006 | GM-74D2 GM-74D2 9/15/2006 | GM-75D2 GM-75D2 9/22/2006 |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **5J** |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **1J** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **17** | **63** | **14** | **96** | <5 | **3J** | **9** | **360D** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | **9** | **7** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | **3J** |
| **Total VOCs** | | **17** | **63** | **14** | **96** | 0 | **3** | **18** | **376** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| Bold | Constituent detected |

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| | WELL: | GM-78S | GM-78I | GM-79I | GM-79D | HN-24I | HN-40S | HN-40I | HN-42S |
|---|---|---|---|---|---|---|---|---|---|
| CONSTITUENT | SAMPLE ID: | GM-78S | GM-78I | GM-79I | GM-79D | HN-24I | HN-40S | HN-40I | HN-42S |
| (Units in ug/L) | DATE: | 9/26/2006 | 9/26/2006 | 9/12/2006 | 9/12/2006 | 9/29/2006 | 9/27/2006 | 9/27/2006 | 9/27/2006 |
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **0.9J** | **0.6J** | <5 | **55** | **15** | <5 | **0.5J** | <5 |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | <5 | <5 | **1J** | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| **Total VOCs** | | **0.9** | **0.6** | 0 | **56** | **15** | 0 | **0.5** | 0 |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| **Bold** | Constituent detected |

Table 1. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2006, Operable Unit 2, Northrop Grumman Corporation, Bethpage, New York.

| | WELL: | HN-42I | GP-1 | GP-3 | T-96-EFFL | WELL 17 | WELL 18 | WELL 19 |
|---|---|---|---|---|---|---|---|---|
| CONSTITUENT | SAMPLE ID: | HN-42I | GP WELL 1 | GP WELL 3 | TOWER 96 EFFLUE | WELL 17 | WELL 18 | WELL 19 |
| (Units in ug/L) | DATE: | 9/27/2006 | 10/11/2006 | 10/11/2006 | 10/11/2006 | 10/11/2006 | 10/11/2006 | 10/11/2006 |
| Chloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | | <2 | <2 | **160** | <2 | <2 | <2 | <2 |
| Chloroethane | | <5 | <5 | **3J** | <5 | <5 | <5 | <5 |
| Methylene chloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Acetone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | | <5 | **6** | **17** | <5 | **3J** | **5** | **2J** |
| 1,1-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | <5 | **10** | **13** | <5 | **4J** | **2J** | **25** |
| trans-1,2-Dichloroethene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | <5 | <5 | <5 | <5 | <5 | <5 | **0.9J** |
| 1,2-Dichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | | <5 | <5 | **3J** | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | **2J** | **530D** | **3600D** | <5 | **460D** | **160** | **190** |
| Dibromochloromethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Benzene | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | | <5 | **150** | **42** | <5 | **26** | **10** | **10** |
| 1,1,2,2-Tetrachloroethane | | <5 | <5 | **0.6J** | <5 | <5 | <5 | <5 |
| Toluene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | | <5 | **9** | **15** | <5 | **11** | **2J** | <5 |
| **Total VOCs** | | **2** | **705** | **3853.6** | 0 | **504** | **179** | **227.9** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| EJ | Exceeded calibration range and the value has been estimated |
| D | Constituent identified at a secondary dilution |
| J | Estimated value |
| -- | Not analyzed |
| **Bold** | Constituent detected |

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# 2006 Annual Groundwater Monitoring Report

Operable Unit 2
Northrop Grumman Systems Corporation
Bethpage, New York
NYSDEC Site #s 1-30-0003A & B

August 20, 2007

Table 2. Concentrations of Volatile Organic Compounds Detected in Intermediate Wells,
Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: GM-20I<br>SAMPLE ID: GM-20I<br>DATE: 11/21/2006 | GM-21I<br>GM-21I<br>11/20/2006 | GM-79I<br>GM-79I<br>11/21/2006 |
|---|---|---|---|---|
| Chloromethane | 5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 |
| Vinyl chloride | 2 | <2 | <2 | <2 |
| Chloroethane | 5 | <5 | <5 | <5 |
| Methylene chloride | 5 | <5 | <5 | <5 |
| Acetone | 50 | <10 | <10 | <10 |
| Carbon disulfide | 50 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 |
| Chloroform | 7 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 5 | <5 | <5 | <5 |
| 2-Butanone | 50 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 |
| Bromodichloromethane | 50 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 5 | <5 | <5 | <5 |
| Trichloroethene | 5 | <5 | <5 | <5 |
| Dibromochloromethane | 5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | <5 |
| Benzene | 0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | 5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 |
| Ethylbenzene | 5 | **0.62J** | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 |
| Xylene (total) | 5 | **2.7J** | **1.1J** | <5 |
| Vinyl Acetate | NE | <5 | <5 | <5 |
| Freon 113 | 5 | <5 | <5 | <5 |
| Chlorodifluoromethane | 5 | <5 | <5 | <5 |
| Dichlorodifluoromethane | 5 | <5 | <5 | <5 |
| **Total VOCs** | | **3.3** | **1.1** | 0 |

| | |
|---|---|
| ug/L | Micrograms per liter |
| J | Estimated value |
| **Bold** | Constituent detected |
| (1) | Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed. |
| VOCs | Volatile organic compounds |
| NYSDEC | New York State Department of Environmental Conservation |
| * | Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane. |
| NE | No SCG established |
| TOGS | Technical and Operational Guidance Series |

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Table 3. Concentrations of Volatile Organic Compounds Detected in Deep Wells,
Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values [1] | WELL: / SAMPLE ID: / DATE: | GM-20D GM-20D 11/21/2006 | GM-21D GM-21D 11/20/2006 | GM-34D GM-34D 11/30/2006 | GM-79D GM-79D 11/21/2006 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | | <5 | <5 | <5 | <5 |
| Vinyl chloride | 2 | | <2 | <2 | <2 | <2 |
| Chloroethane | 5 | | <5 | <5 | <5 | <5 |
| Methylene chloride | 5 | | <5 | <5 | <5 | <5 |
| Acetone | 50 | | <10 | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | | <5 | <5 | **19** | <5 |
| 1,1-Dichloroethane | 5 | | <5 | <5 | **1.5J** | <5 |
| cis-1,2-Dichloroethene | 5 | | <5 | <5 | **12** | <5 |
| trans-1,2-Dichloroethene | 5 | | <5 | <5 | <5 | <5 |
| Chloroform | 7 | | <5 | <5 | **0.65J** | <5 |
| 1,2-Dichloroethane | 5 | | <5 | <5 | <5 | <5 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | | <5 | <5 | <5 | <5 |
| Bromodichloromethane | 50 | | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 5 | | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | | <5 | **2J** | **1100D** | **47** |
| Dibromochloromethane | 5 | | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 5 | | <5 | <5 | <5 | <5 |
| Benzene | 0.7 | | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Bromoform | 50 | | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | <5 | <5 | **15B** | **1.4J** |
| 1,1,2,2-Tetrachloroethane | 5 | | <5 | <5 | <5 | <5 |
| Toluene | 5 | | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | | <5 | <5 | <5 | <5 |
| Ethylbenzene | 5 | | <5 | <5 | <5 | <5 |
| Styrene | 5 | | <5 | <5 | <5 | <5 |
| Xylene (total) | 5 | | <5 | <5 | <5 | <5 |
| Vinyl Acetate | NE | | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | | <5 | <5 | **22** | **0.68J** |
| Chlorodifluoromethane | 5 | | <5 | <5 | **1.3J** | <5 |
| Dichlorodifluoromethane | 5 | | <5 | <5 | **0.57J** | <5 |
| **Total VOCs** | | | 0 | **2** | **1,172** | **49.1** |

ug/L Micrograms per liter
B Detected in an associated blank.
D Constituent identified at a secondary dilution.
J Estimated value
**Bold** Constituent detected
(1) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.
VOCs Volatile organic compounds
NYSDE New York State Department of Environmental Conservation
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
[ ] Value exceeds associated SCG value.
NE No SCG established
TOGS Technical and Operational Guidance Series
ug/L Micrograms per liter

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Table 4. Concentrations of Volatile Organic Compounds Detected in Deep2 Monitoring Wells and Groundwater Remedial Wells and Treatment Systems Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | GM-33D2 GM-33D-2 11/29/2006 | GM-33D2 REP-11-29-06 11/29/2006 | GM-35D2 GM-35D-2 11/29/2006 | GM-75D2 GM-75D-2 11/27/2006 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | | <5 | <5 | <5 | <5 |
| Vinyl chloride | 2 | | <2 | <2 | <2 | <2 |
| Chloroethane | 5 | | <5 | <5 | <5 | <5 |
| Methylene chloride | 5 | | <5 | <5 | <5 | <5 |
| Acetone | 50 | | <10 | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | | **1J** | **0.94J** | **1.9J** | **7.5** |
| 1,1-Dichloroethane | 5 | | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | | **1.9J** | **1.9J** | **3.5J** | **1.6J** |
| trans-1,2-Dichloroethene | 5 | | <5 | <5 | <5 | <5 |
| Chloroform | 7 | | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 5 | | <5 | <5 | <5 | <5 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | | <5 | <5 | <5 | <5 |
| Bromodichloromethane | 50 | | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 5 | | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | | **120J** | **120J** | **310DJ** | **380DJ** |
| Dibromochloromethane | 5 | | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 5 | | <5 | <5 | <5 | <5 |
| Benzene | 0.7 | | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Bromoform | 50 | | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **22B** | **24B** | **12B** | **9.8B** |
| 1,1,2,2-Tetrachloroethane | 5 | | <5 | <5 | <5 | <5 |
| Toluene | 5 | | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | | <5 | <5 | <5 | <5 |
| Ethylbenzene | 5 | | <5 | <5 | <5 | <5 |
| Styrene | 5 | | <5 | <5 | <5 | <5 |
| Xylene (total) | 5 | | <5 | <5 | <5 | <5 |
| Vinyl Acetate | NE | | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | | **69** | **70** | **6.6** | **3.3J** |
| Chlorodifluoromethane | 5 | | <5 | <5 | **1.1J** | <5 |
| Dichlorodifluoromethane | 5 | | <5 | <5 | <5 | <5 |
| **Total VOCs** | | | **213.9** | **216.8** | **335.1** | **402.2** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Detected in an associated blank. |
| D | Constituent identified at a secondary dilution. |
| J | Estimated value |
| **Bold** | Constituent detected |
| [1] | Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed. |
| VOCs | Volatile organic compounds |
| NYSDEC | New York State Department of Environmental Conservation |
| * | Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane. |
| | Value exceeds associated SCG value. |
| NE | No SCG established |
| TOGS | Technical and Operational Guidance Series |

Table 4. Concentrations of Volatile Organic Compounds Detected in Deep2 Monitoring Wells and Groundwater Remedial Wells and Treatment Systems Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | WELL 1 WELL1 12/14/2006 | WELL 3 WELL3 12/14/2006 | T-96-INFL T96INF 12/14/2006 | T-96-EFFL T96EFF 12/14/2006 |
|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | | <5 | <5 | <5 | <5 |
| Vinyl chloride | 2 | | <2 | **160** | **76** | <2 |
| Chloroethane | 5 | | <5 | **4.3J** | **2J** | <5 |
| Methylene chloride | 5 | | <5 | <5 | <5 | <5 |
| Acetone | 50 | | <10 | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | | **4.6J** | **21** | **12** | <5 |
| 1,1-Dichloroethane | 5 | | **1.8J** | **3.9J** | **2.9J** | <5 |
| cis-1,2-Dichloroethene | 5 | | **8.6** | **17** | **12** | <5 |
| trans-1,2-Dichloroethene | 5 | | <5 | <5 | <5 | <5 |
| Chloroform | 7 | | <5 | **0.5J** | <5 | <5 |
| 1,2-Dichloroethane | 5 | | <5 | <5 | <5 | <5 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | <5 | <200 | <5 | <5 |
| Carbon tetrachloride | 5 | | <5 | <5 | <5 | <5 |
| Bromodichloromethane | 50 | | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 5 | | **1.5J** | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | | **540D** | **3200D** | **2000D** | **1.4J** |
| Dibromochloromethane | 5 | | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 5 | | <5 | **210** | <5 | <5 |
| Benzene | 0.7 | | <0.7 | **53** | **10** | <0.7 |
| trans-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 |
| Bromoform | 50 | | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **140** | **60** | **100** | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | | <5 | <5 | <5 | <5 |
| Toluene | 5 | | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | | <5 | <5 | <5 | <5 |
| Ethylbenzene | 5 | | <5 | <5 | <5 | <5 |
| Styrene | 5 | | <5 | <5 | <5 | <5 |
| Xylene (total) | 5 | | <5 | <5 | <5 | <5 |
| Vinyl Acetate | NE | | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | | **8.2** | **22** | **14** | <5 |
| Chlorodifluoromethane | 5 | | **0.38J** | <5 | **0.27J** | <5 |
| Dichlorodifluoromethane | 5 | | <5 | <5 | <5 | <5 |
| **Total VOCs** | | | **705.1** | **3,751.7** | **2,229.2** | **1.4** |

| | |
|---|---|
| ug/L | Micrograms per liter |
| B | Detected in an associated blank. |
| D | Constituent identified at a secondary dilution. |
| J | Estimated value |
| **Bold** | Constituent detected |
| (1) | Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed. |
| VOCs | Volatile organic compounds |
| NYSDEC | New York State Department of Environmental Conservation |
| * | Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane. |
| | Value exceeds associated SCG value. |
| NE | No SCG established |
| TOGS | Technical and Operational Guidance Series |

Table 4. Concentrations of Volatile Organic Compounds Detected in Deep2 Monitoring Wells and Groundwater Remedial Wells and Treatment Systems, Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and Guidance Values[1] | WELL: / SAMPLE ID: / DATE: | WELL 17 WELL17 12/15/2006 | WELL 18 WELL18 12/15/2006 | WELL 19 WELL19 12/15/2006 | T-102-INFL T102INF 12/15/2006 | T-102-EFFL T102EFF 12/15/2006 |
|---|---|---|---|---|---|---|---|
| Chloromethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| Vinyl chloride | 2 | | <2 | <2 | <2 | <2 | <2 |
| Chloroethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| Methylene chloride | 5 | | <5 | <5 | <5 | <5 | <5 |
| Acetone | 50 | | <10 | <10 | <10 | <10 | <10 |
| Carbon disulfide | 50 | | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | | **2.7J** | **4.6J** | **1.5J** | **2.3J** | <5 |
| 1,1-Dichloroethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | | **3.7J** | **1.7J** | **22** | **8.8** | <5 |
| trans-1,2-Dichloroethene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | | <5 | <5 | **0.94J** | <5 | <5 |
| 1,2-Dichloroethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | 50 | | <10 | <10 | <10 | <10 | <10 |
| 1,1,1-Trichloroethane | 5 | | **0.53J** | <5 | <5 | **0.77J** | <5 |
| Carbon tetrachloride | 5 | | <5 | <5 | <5 | <5 | <5 |
| Bromodichloromethane | 50 | | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 5 | | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | | **410D** | **140** | **180** | **270D** | **1.7J** |
| Dibromochloromethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| Benzene | 0.7 | | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| trans-1,3-Dichloropropene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | 50 | | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | | <10 | <10 | <10 | <10 | <10 |
| Tetrachloroethene | 5 | | **24** | **10** | **9.6** | **17** | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Ethylbenzene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | | <5 | <5 | <5 | <5 | <5 |
| Xylene (total) | 5 | | <5 | <5 | <5 | <5 | <5 |
| Vinyl Acetate | NE | | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | | **10** | **1.6J** | **0.9J** | **5.6** | <5 |
| Chlorodifluoromethane | 5 | | <5 | **0.37J** | **0.29J** | **0.26J** | <5 |
| Dichlorodifluoromethane | 5 | | <5 | <5 | <5 | <5 | <5 |
| **Total VOCs** | | | **450.9** | **158.3** | **215.2** | **304.7** | **1.7** |

ug/L Micrograms per liter
B Detected in an associated blank.
D Constituent identified at a secondary dilution.
J Estimated value
**Bold** Constituent detected
[1] Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.
VOCs Volatile organic compounds
NYSDE New York State Department of Environmental Conservation
* Freon 113 also known as 1,1,1-Trichloro-2,2,2-trifluoroethane.
Value exceeds associated SCG value.
NE No SCG established
TOGS Technical and Operational Guidance Series

Table 5. Concentrations of Site-Related Volatile Organic Compounds Detected in Outpost Wells, Fourth Quarter 2006, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York. [1]

| CONSTITUENT (Units in ug/L) | NYS DEC Standards Criteria and Guidance Values | WELL: / SAMPLE ID: / DATE: | OW1-1 BPOW1-1 12/1/2006 | OW1-1 REP 12-6-06 12/1/2006 | OW1-2 BPOW1-2 12/1/2006 | OW1-3 BPOW 1-3 12/1/2006 | OW 2-1 [5] BPOW 2-1 12/1/2006 | OW2-2 BPOW 2-2 12/1/2006 | OW3-1 BPOW 3-1 12/8/2006 | OW3-2 BPOW 3-2 12/8/2006 | OW4-1 BPOW 4-1 12/1/2006 | OW4-2 BPOW 4-2 12/1/2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | | **1.8** | **1.8** | <0.50 | **3.1** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | | **1.5** | **1.4** | <0.50 | **1.4** | <0.50 | **0.67** | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| cis-1,2-Dichloroethene | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,2-Dichloroethane | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | **2.2** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,1-Trichloroethane | 5 | | **3.1J** | **3.1J** | <0.50 | **4.7J** | **0.62J** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon tetrachloride | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | | **2** | **2** | <0.50 | **0.93** | **1.4** | **0.77** | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Tetrachloroethene | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | **0.93** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Freon-113 * | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| **Total Site-Related VOCs [1]:** | | | **8.4[3]** | **8.3[3]** | 0 | **10.13[3]** | **4.97[4]** | **1.44** | 0 | 0 | 0 | 0 |
| **TVOC Trigger Value [2]:** | | | **0.6** | **0.6** | **0.6** | **0.6** | NE | NE | **1.5** | **1.5** | **1.5** | **1.5** |

[1] Site-related VOCs were established in the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003).
[2] TVOC Trigger Values were established in the PWSCP (ARCADIS G&M, Inc. 2003).
[3] The TVOC Trigger Value for Cluster 1 was initially exceeded on April 23, 2004; confirmatory sampling and reporting was conducted as per the PWSCP (ARCADIS G&M, Inc. 2003).
[4] VOCs were initially detected in Cluster 2 on May 3, 2004; confirmatory sampling and reporting was conducted as per the PWSCP (ARCADIS G&M, Inc. 2003).
[5] Benzene and Methyl tert-butyl ether (MTBE), which are not site-related VOCs, were detected in Outpost Well OW 2-1 on 12/01/06 at 130 ug/L and 10 ug/L, respectively.

ug/L Micrograms per liter
**Bold** Constituent detected
TVOC Total Volatile Organic Compounds
NE Not Established

ARCADIS

*Infrastructure, environment, facilities*

Imagine the result

# Remedial Investigation Report (Site Area)

Operable Unit 3 (Former Grumman Settling Ponds),
Bethpage, New York
NYSDEC Site # 1-30-003A

February 1, 2008

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-18 105-110 11/23/2004 | VP-18A 50-55 6/7/2006 | VP-18A 55-60 6/7/2006 | VP-18A 60-65 6/6/2006 | VP-19 65-70 12/17/2004 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | **5** | **15** | **23** | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | **5 J** | **12** | **20** | <5 |
| 1,1-Dichloroethene | 5 | <5 | **5 J** | **15** | **20** | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | **7 J** | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | <5 | <5 | <5 | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **6** | **1 J** | **0.5 J** | **0.5 J** | **8** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **2 J** | **1500 D** | **2800 D** | **3800 D** | **0.6 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | <5 | <5 | <5 | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | <5 | <5 | <5 | -- |
| Methylene chloride | 5 | <5 | **1 JB** | **1 JB** | **2 JB** | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | **0.7 J** | **0.8 J** | **2 J** | <5 |
| Toluene | 5 | <5 | <5 | <5 | **0.3 J** | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | **4 J** | **10** | **13** | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **3 J** | **59** | **120** | **300 D** | **3 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | **1 J** | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **11** | **1,588.4** | **2,974.3** | **4,182** | **11.6** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-19 75-80 12/16/2004 | VP-19 85-90 12/16/2004 | VP-19 95-100 12/15/2004 | VP-19 105-110 12/15/2004 | VP-19A 51-56 5/15/2006 |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | <5 | <5 | <5 | <5 | **45** |
| 1,1,2,2-Tetrachloroethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | 1 | <5 | <5 | <5 | <5 | **3 J** |
| 1,1-Dichloroethane | | 5 | <5 | <5 | <5 | <5 | **110** |
| 1,1-Dichloroethene | | 5 | <5 | <5 | <5 | <5 | **83** |
| 1,2-Dichloroethane | | 0.6 | <5 | <5 | <5 | <5 | **6** |
| 1,2-Dichloropropane | | 1 | <5 | <5 | <5 | <5 | **14** |
| 2-Butanone | | NE | <10 | <10 | <10 | <10 | **7 J** |
| 2-Hexanone | | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | | 50 | <10 | <10 | <10 | <10 | <11 |
| Benzene | | 1 | <0.7 | <0.7 | <0.7 | <0.7 | **5** |
| Bromodichloromethane | | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | 5 | <5 | <5 | <5 | <5 | **8** |
| Chlorobenzene | | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | | NE | -- | -- | -- | -- | <5 |
| Chloroethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | 7 | **8** | **13** | **10** | **9** | <5 |
| Chloromethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | 5 | **0.5 J** | **2 J** | **2 J** | **0.5 J** | **53000 D** |
| cis-1,3-Dichloropropene | | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | | 5 | -- | -- | -- | -- | <5 |
| Ethylbenzene | | 5 | <5 | <5 | <5 | <5 | **310 D J** |
| Freon 113 | | 5 | -- | -- | -- | -- | <5 |
| Methylene chloride | | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | 5 | <5 | <5 | <5 | <5 | **6** |
| Tetrachloroethene | | 5 | <5 | <5 | <5 | <5 | **4 J** |
| Toluene | | 5 | <5 | <5 | <5 | <5 | **190** |
| trans-1,2-Dichloroethene | | 5 | <5 | <5 | <5 | <5 | **19** |
| trans-1,3-Dichloropropene | | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | 5 | **3 J** | **4 J** | **3 J** | **1 J** | **48** |
| Vinyl Acetate | | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | | 2 | <2 | <2 | <2 | <2 | **3700 D** |
| Xylene-O | | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | | NE | -- | -- | -- | -- | -- |
| Xylene (total) | | 10 | <5 | <5 | <5 | <5 | **2800** |
| **TVOC** | | | **11.5** | **19** | **15** | **10.5** | **60,358.0** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-19A 60-65 5/12/2006 | VP-19A 70-75 5/12/2006 | VP-19A(REP) 70-75 5/12/2006 | VP-20 65-70 12/2/2004 | VP-20 75-80 12/2/2004 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | **4 J** | <5 | <5 | **0.9 J** | <5 |
| 1,1-Dichloroethene | 5 | **27** | <5 | <5 | **0.7 J** | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | <5 | **1 J** | **1 J** | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | <5 | **2 J** | **2 J** | **1 J** | **8** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **530 D** | **87** | **80** | **54** | **0.8 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | <5 | <5 | <5 | -- | -- |
| Ethylbenzene | 5 | **2 J** | **0.5 J** | <5 | <5 | <5 |
| Freon 113 | 5 | <5 | <5 | <5 | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | **63** | **25** | **24** | **14** | <5 |
| trans-1,2-Dichloroethene | 5 | **1 J** | <5 | **0.2 J** | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **620 D** | **2 J** | **2 J** | **290 D** | **3 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | **98** | **16** | **14** | **0.6 J** | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | **5 J** | **1 J** | **1 J** | **1 J** | <5 |
| **TVOC** | | **1350** | **134** | **124.2** | **362.2** | **11.8** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-20 85-90 12/2/2004 | VP-20(REP) 85-90 12/2/2004 | VP-20 95-100 12/1/2004 | VP-20 105-110 12/1/2004 | VP-21 55-60 6/9/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22) | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **4 J** | **4 J** | **11** | **5** | **3 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **0.6 J** | **0.6 J** | **3 J** | **1 J** | <5 |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon 12) | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **3 J** | **3 J** | **15** | **9** | <5 |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **7.6** | **7.6** | **29** | **15** | **3** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-21 65-70 6/9/2005 | VP-21 79-84 6/9/2005 | VP-21 88-93 6/9/2005 | VP-21 98-103 6/6/2005 | VP-21 105-110 6/6/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22) | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | <5 | <5 | <5 | <5 | <5 |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon 12) | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | <5 | <5 | **0.6 J** | <5 | <5 |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | 0 | 0 | **0.6** | 0 | 0 |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-22 52-57 6/16/2005 | VP-22 65-70 6/16/2005 | VP-22 75-80 6/16/2005 | VP-22 83-88 6/16/2005 | VP-22 95-100 6/16/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22) | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **11** | <5 | <5 | <5 | <5 |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **10** | <5 | <5 | <5 | <5 |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon 12) | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **3 J** | <5 | <5 | <5 | <5 |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **24** | 0 | 0 | 0 | 0 |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-22 105-110 6/16/2005 | VP-23 52-57 6/15/2005 | VP-23 65-70 6/15/2005 | VP-23 75-80 6/15/2005 | VP-23 85-90 6/15/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | **2 J** | **3 J** | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | **2 J** | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **2 J** | **4 J** | <5 | <5 | <5 |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | <5 | **760 D** | **14** | **2 J** | <5 |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | **1 J** | **2 J** | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | **3 J** | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **3 J** | **27** | **9** | **0.8 J** | <5 |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | **0.3 J** | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **8** | **801.3** | **23** | **2.8** | 0 |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-23 95-100 6/15/2005 | VP-23 105-110 6/15/2005 | VP-23A 57-62 10/12/2006 | VP-23A 62-67 10/12/2006 | VP-24 53-58 6/14/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 | <5 | **5 J** |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | **0.7 J** |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22) | NE | -- | -- | **17** | **8.5** | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | <5 | **1 J** | **2.4 J** | <5 | **3 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | <5 | <5 | **51** | **8.1** | **750 D** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon 12) | 5 | -- | -- | <5 | <5 | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | <5 | <5 | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | **0.43 J** | <5 | **2 J** |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | <5 | <5 | **38** | **9.7** | **130 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | 0 | **1** | **108.8** | **26.3** | **890.7** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-24 63-68 6/14/2005 | VP-24 73-78 6/14/2005 | VP-24 83-88 6/14/2005 | VP-24 94-99 6/14/2005 | VP-24 105-110 6/14/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **3 J** | **4 J** | **9 J** | **13** | **20 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **64** | <5 | **1 J** | **1 J** | **0.9 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **21** | **2 J** | **15 J** | **19** | **18 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **88** | **6** | **25** | **33** | **38.9** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-25 54-59 6/13/2005 | VP-25 65-70 6/13/2005 | VP-25(REP) 65-70 6/13/2005 | VP-25 75-80 6/13/2005 | VP-25 85-90 6/13/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | **10** | **3 J** | **2 J** | <5 | <5 |
| 1,1-Dichloroethene | 5 | **1 J** | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | **5 J** | **4 J** | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **0.6 J** | **1 J** | **1 J** | **2 J** | **1 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **130** | **36 J** | **24 J** | **16** | **2 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | **0.8 J** | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | **1 J** | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **140** | **88 J** | **69 J** | **130** | **40** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **288.4** | **132** | **96** | **148** | **43** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-25 95-100 6/13/2005 | VP-26 53-58 6/9/2005 | VP-26 63-68 6/9/2005 | VP-26 71-76 6/9/2005 | VP-26 79-84 6/8/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | **5 J** | **5** | **3 J** | <5 |
| 1,1-Dichloroethene | 5 | <5 | **2 J** | **0.9 J** | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | **52** | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **8** | <5 | <5 | <5 | **1 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **5** | **330 D** | **150** | **88** | **4 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | **2 J** | **0.7 J** | **0.5 J** | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | **8** | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | **0.7 J** | <5 | <5 |
| Toluene | 5 | <5 | **130** | **47** | **22** | **2 J** |
| trans-1,2-Dichloroethene | 5 | **0.6 J** | **0.9 J** | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **190** | **360 D** | **150** | **72** | **9** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | **46** | **17** | **7** | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | **8** | **3 J** | **2 J** | <5 |
| **TVOC** | | **203.6** | **943.9** | **374.3** | **194.5** | **16** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-26 101-106 6/8/2005 | VP-27 55-60 6/21/2005 | VP-27(REP) 55-60 6/21/2005 | VP-27 64-69 6/21/2005 | VP-27 79-84 6/21/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <20000 | <20000 | <5 | <5 |
| 1,1-Dichloroethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <20000 | <20000 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <20000 | <20000 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <20000 | <20000 | <5 | <5 |
| 2-Butanone | NE | <10 | <20000 | <20000 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <20000 | <20000 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <20000 | <20000 | <10 | <10 |
| Acetone | 50 | <10 | <20000 | <20000 | **4 J** | <10 |
| Benzene | 1 | <0.7 | <1400 | <1400 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <20000 | <20000 | <5 | <5 |
| Bromoform | 50 | <5 | <20000 | <20000 | <5 | <5 |
| Bromomethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <20000 | <20000 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Chloroform | 7 | **10** | <20000 | <20000 | **4 J** | **5 J** |
| Chloromethane | 5 | <5 | <20000 | <20000 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **0.6 J** | **210000 D** | **210000** | **74** | **46 B** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <20000 | <20000 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <20000 | <20000 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <20000 | <20000 | **4 J** | **3 J** |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <20000 | <21000 | <5 | <5 |
| Styrene | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <20000 | <20000 | <5 | <5 |
| Toluene | 5 | **0.6 J** | **84000 D** | **89000** | **100** | **66B** |
| trans-1,2-Dichloroethene | 5 | <5 | <20000 | <20000 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <20000 | <20000 | **2 J** | <5 |
| Trichloroethene | 5 | **4 J** | <20000 | <20000 | **12** | **8** |
| Vinyl Acetate | NE | <5 | <20000 | <20000 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | **5900 D** | **6800** | **8** | **5** |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | **4700 D J** | **4700 J** | **21** | **14** |
| **TVOC** | | **15.2** | **304,600** | **310,500** | **229** | **147** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-27 92-97 6/21/2005 | VP-27 105-110 6/17/2005 | VP-27A 60-65 5/17/2006 | VP-27A 70-75 5/17/2006 | VP-28 57-62 6/20/2005 |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | <5 | <5 | <5 | 9 | <5 |
| 1,1,2,2-Tetrachloroethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | | 1 | <5 | <5 | 1 J | <5 | <5 |
| 1,1-Dichloroethane | | 5 | <5 | <5 | 8 | 2 J | 10 |
| 1,1-Dichloroethene | | 5 | <5 | <5 | 55 | 5 J | 1 J |
| 1,2-Dichloroethane | | 0.6 | <5 | <5 | 3 J | <5 | <5 |
| 1,2-Dichloropropane | | 1 | <5 | <5 | 5 J | <5 | <5 |
| 2-Butanone | | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | | 1 | <0.7 | <0.7 | 1 | <0.7 | <0.7 |
| Bromodichloromethane | | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | | NE | -- | -- | <5 | <5 | -- |
| Chloroethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | | 7 | 9 | 1 J | 3 J | 2 J | 2 J |
| Chloromethane | | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | | 5 | 35 | <5 | 1700 D | 450 D | 190 |
| cis-1,3-Dichloropropene | | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | | 5 | -- | -- | <5 | <5 | -- |
| Ethylbenzene | | 5 | 4 J | <5 | 21 | 14 | <5 |
| Freon 113 | | 5 | -- | -- | <5 | <5 | -- |
| Methylene chloride | | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | | 5 | <5 | <5 | 1 J | <5 | <5 |
| Toluene | | 5 | 75 | <5 | 430 D | 580 D | <5 |
| trans-1,2-Dichloroethene | | 5 | <5 | <5 | 3 J | 1 J | 0.6 J |
| trans-1,3-Dichloropropene | | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | | 5 | 7 | 0.5 J | 1200 D | 22 | 110 |
| Vinyl Acetate | | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | | 2 | 3 | <2 | 260 D | 77 | <2 |
| Xylene-O | | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | | NE | -- | -- | -- | -- | -- |
| Xylene (total) | | 10 | 20 | <5 | 86 | 55 | <5 |
| **TVOC** | | | **153** | **1.5** | **3,777** | **1,217** | **313.6** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-28(REP) 57-62 6/20/2005 | VP-28 62-67 6/20/2005 | VP-28 73-78 6/20/2005 | VP-28 95-100 6/17/2005 | VP-28 105-110 6/17/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | **10** | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | **1 J** | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | <10 | <10 | **4 J** | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | -- | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | **2 J** | **2 J** | **1 J** | **4 J** | **3 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **190** | **6** | **3 J** | **0.9 J** | **0.9 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | -- | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | -- | -- | -- | -- | -- |
| Methylene chloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | <5 | **0.4 J** | <5 | <5 | <5 |
| trans-1,2-Dichloroethene | 5 | **0.6 J** | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **110** | **11** | **6** | **1 J** | **1 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | <2 | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | <5 | <5 | <5 | <5 | <5 |
| **TVOC** | | **313.6** | **19.4** | **14** | **5.9** | **4.9** |

Notes and Abbreviations on last page.

Table 5-14. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unite 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-28A 53-58 6/5/2006 | VP-29 55-60 6/22/2005 | VP-29 63-68 6/22/2005 | VP-29 72-77 6/22/2005 | VP-29 84-89 6/22/2005 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2,2-Tetrachloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,1,2-Trichloroethane | 1 | <5 | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethane | 5 | **4 J** | <5 | <5 | <5 | <5 |
| 1,1-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloroethane | 0.6 | <5 | <5 | <5 | <5 | <5 |
| 1,2-Dichloropropane | 1 | <5 | <5 | <5 | <5 | <5 |
| 2-Butanone | NE | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 4-Methyl-2-pentanone | 50 | <10 | <10 | <10 | <10 | <10 |
| Acetone | 50 | **10** | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <0.7 |
| Bromodichloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | 50 | <5 | <5 | <5 | <5 | <5 |
| Bromomethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Carbon disulfide | 60 | <5 | <5 | <5 | <5 | <5 |
| Carbon tetrachloride | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorobenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Chlorodifluoromethane (Freon 22 | NE | <5 | -- | -- | -- | -- |
| Chloroethane | 5 | <5 | <5 | <5 | <5 | <5 |
| Chloroform | 7 | <5 | **3 J** | **2 J** | **2 J** | **2 J** |
| Chloromethane | 5 | <5 | <5 | <5 | <5 | <5 |
| cis-1,2-Dichloroethene | 5 | **130** | **2 J** | **1 J** | **2 J** | **3 J** |
| cis-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Dibromochloromethane | 50 | <5 | <5 | <5 | <5 | <5 |
| Dichlorodifluoromethane (Freon | 5 | <5 | -- | -- | -- | -- |
| Ethylbenzene | 5 | <5 | <5 | <5 | <5 | <5 |
| Freon 113 | 5 | <5 | -- | -- | -- | -- |
| Methylene chloride | 5 | **2 JB** | <5 | <5 | <5 | <5 |
| Styrene | 5 | <5 | <5 | <5 | <5 | <5 |
| Tetrachloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| Toluene | 5 | **1 J** | **3 J** | **2 J** | **2 J** | **2 J** |
| trans-1,2-Dichloroethene | 5 | <5 | <5 | <5 | <5 | <5 |
| trans-1,3-Dichloropropene | 0.4 | <5 | <5 | <5 | <5 | <5 |
| Trichloroethene | 5 | **46** | **44** | **2 J** | **2 J** | **2 J** |
| Vinyl Acetate | NE | <5 | <5 | <5 | <5 | <5 |
| Vinyl Chloride | 2 | **0.9 J** | <2 | <2 | <2 | <2 |
| Xylene-O | NE | -- | -- | -- | -- | -- |
| Xylene-M&P | NE | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | **1 J** | <5 | <5 | <5 | <5 |
| **TVOC** | | **194.9** | **52** | 7 | **8** | **9** |

Notes and Abbreviations on last page.

ARCADIS
*Infrastructure, environment, facilities*

Imagine the result

# Remedial Investigation Report (Study Area Groundwater)

Operable Unit 3 (Former Grumman Settling Ponds),
Bethpage, New York

October 22, 2009

Table 5. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Monitoring Wells, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Date: | HN-42I 7/8/2009 | MW-100-1 7/9/2009 | MW-100-2 7/9/2009 | MW-100-3 7/9/2009 | MW-102-1 7/17/2009 | MW-107-1 7/13/2009 | MW-108-1 7/13/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | **6.9 J** | **0.43 J** | **0.42 J** | **1.1 J** | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | **3.5 J** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 250 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 250 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 250 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 J | < 250 B | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 3.5 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 25 | **0.66 J** | < 5 | < 5 | **1.1 J** |
| Chloroethane | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | **8.8 J** | **2.4 J** | **0.73 J** | **0.92 J** | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **7.4** | **0.38 J** | **1300 D** | **2.2 J** | < 5 | **51** | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 25 | **2.3 J** | < 5 | **1.1 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | **6.5 J** | < 5 | < 5 | **0.8 J** | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **20** | < 5 | **150** | **64** | **0.51 J** | **110** | **0.43 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | **35** | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **27.4** | **0.4** | **1,510.7** | **72.0** | **1.7** | **164.9** | **1.5** |

Notes and abbreviations on last page.

Table 5. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Monitoring Wells, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Date: | MW-109-3 4/14/2009 | MW-109-3 7/8/2009 | MW-111-4 5/6/2008 | MW-111-4 7/15/2009 | MW-116-5 4/11/2008 | MW-116-5 9/29/2008 | MW-116-5 12/29/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | 1.8 J | < 50 | < 250 | 9 J | < 50 | < 50 | < 50 |
| 1,1,2,2-Tetrachloroethane | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| 1,1,2-Trichloroethane | 1 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| 1,1-Dichloroethane | 5 | 18 J | 16 J | < 250 | 35 J | < 50 | < 50 | < 50 |
| 1,1-Dichloroethene | 5 | 7.4 J | 5.7 J | < 250 | 26 J | < 50 | < 50 | < 50 |
| 1,2-Dichloroethane | 0.6 | 6.4 J | 4.5 J | < 250 | 27 J | < 50 | < 50 | < 50 |
| 1,2-Dichloropropane | 1 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| 2-Butanone | 50 | < 250 | < 500 | < 2500 | < 1000 | < 500 | < 500 | < 500 |
| 2-Hexanone | 50 | < 250 | < 500 | < 2500 | < 1000 | < 500 | < 500 | < 500 |
| 4-methyl-2-pentanone | 50 | < 250 | < 500 | < 2500 | < 1000 | < 500 | < 500 | < 500 |
| Acetone | 50 | < 250 | < 500 B | < 2500 | < 1000 | < 500 | < 500 | < 500 |
| Benzene | 1 | < 3.5 | < 7 | < 35 | < 14 | < 7 | < 7 | < 7 |
| Bromodichloromethane | 50 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Bromoform | 50 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Bromomethane | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Carbon Disulfide | 60 | < 25 | < 50 | < 2500 | < 100 | < 500 | < 500 | < 500 |
| Carbon tetrachloride | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Chlorobenzene | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Chlorodifluoromethane (Freon 22) | NE | 2.2 J | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Chloroethane | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Chloroform | 7 | 7 J | 4.5 J | < 350 | 9.6 J | < 70 | < 70 | < 70 |
| Chloromethane | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| cis-1,2-dichloroethene | 5 | 1100 D | 1000 | 1500 | 1600 | 130 | 140 | 150 |
| cis-1,3-dichloropropene | 0.4 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Dibromochloromethane | 50 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Ethylbenzene | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Methylene Chloride | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Styrene | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Tetrachloroethene | 5 | 9.1 J | 5.9 J | < 250 | 8.8 J | < 50 | < 50 | < 50 |
| Toluene | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| trans-1,2-dichloroethene | 5 | 3.9 J | 4 J | < 250 | < 100 | < 50 | < 50 | < 50 |
| trans-1,3-dichloropropene | 0.4 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Trichloroethylene | 5 | 2300 D | 1200 | 8800 | 5100 D | 1100 | 1300 | 1100 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Vinyl Chloride | 2 | 2.1 J | 4.6 J | < 100 | < 40 | < 20 | < 20 | < 20 |
| Xylene-o | NE | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| Xylenes - m,p | NE | < 25 | < 50 | < 250 | < 100 | < 50 | < 50 | < 50 |
| **TVOC** | | **3,457.9** | **2,245.2** | **10,300.0** | **6,815.4** | **1,230.0** | **1,440.0** | **1,250.0** |

Notes and abbreviations on last page.

Table 5. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Monitoring Wells, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Date: | MW-116-5 3/31/2009 | MW-116-5 7/22/2009 | MW-117 2/11/2009 | MW-117-5 7/20/2009 | MW-118 5/21/2009 | MW-118-5 7/21/2009 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | 3.7 J | < 50 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | 15 J | 6.5 J | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 500 | < 500 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 500 | < 500 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 500 | < 500 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 500 | < 500 | < 50 | < 50 | < 50 | < 50 B |
| Benzene | 1 | < 7 | < 7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | 34 J | 15 J | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | 210 | 130 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | 5.6 J | < 50 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | 1200 | 1100 | < 5 | 0.71 J | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 20 | < 20 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **1,468.3** | **1,251.5** | 0 | **0.71** | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-100 46 - 51 9/15/2006 | VP-100 55 - 60 9/15/2006 | VP-100 75 - 85 9/14/2006 | VP-100 105 - 110 9/14/2006 | VP-100(REP) 105 - 110 9/14/2006 | VP-100 125 - 130 9/13/2006 | VP-100 145 - 150 9/13/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | **0.27 J** | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 10 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | **0.95 J** | **1.2 J** | **14** | **3 J** | **3 J** | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.77 J** | **0.63 J** | 9 | **2 J** | **2 J** | **0.7 J** | **0.7 J** |
| Chloromethane | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | 15 | 13 | 100 | 140 | 150 | 930 D | 1500 D |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 10 JB | < 5 B | < 5 B | < 5 B | < 5 | < 5 |
| Styrene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | **0.48 J** | **2 J** | **1 J** | **0.8 J** | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | **0.9 J** | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **2.5 J** | **2.4 J** | 17 | 22 | 23 | 97 | 190 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | **0.19 J** | **0.12 J** | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **19.4** | **18.1** | **142.0** | **168.0** | **178.8** | **1,028.6** | **1,690.7** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-100 160 - 165 9/12/2006 | VP-100 180 - 185 9/12/2006 | VP-100 190 - 195 9/12/2006 | VP-100 200 - 205 9/11/2006 | VP-100 210 - 215 9/11/2006 | VP-100 220 - 225 9/11/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | **3 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | **2 J** | **2 J** |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **2 J** | < 5 | **2 J** | **0.6 J** | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **360 D** | **66** | **16** | **11** | **22** | **17** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | **0.6 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | **0.8 J** | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **78** | **32** | **20** | **11** | **15** | **14** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | **2 J** | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **445.0** | **98.0** | **38.6** | **23.4** | **39.0** | **33.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-100 230 - 235 9/8/2006 | VP-100 (REP) 230 - 235 9/8/2006 | VP-100 240 - 245 9/8/2006 | VP-100 250 - 255 9/7/2006 | VP-100 270 - 275 9/7/2006 | VP-100 290 - 295 9/6/2006 | VP-100 310 - 315 9/6/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 20 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 20 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 20 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 20 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 1 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| cis-1,2-dichloroethene | 5 | **3 J** | **3 J** | **2 J** | **3 J** | **8** | **7 J** | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Tetrachloroethene | 5 | **2 J** | **0.9 J** | **3 J** | **2 J** | **3 J** | < 10 | **3 J** |
| Toluene | 5 | **1 J** | **1 J** | < 5 | **8** | **3 J** | **1 J** | **1 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Trichloroethylene | 5 | **20** | **20** | **47** | **86** | **240 D** | **190** | **18** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 4 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 | < 5 |
| **TVOC** | | **26.0** | **24.9** | **52.0** | **99.0** | **254.0** | **198.0** | **22.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-100 330 - 335 9/5/2006 | VP-100 (REP) 330 - 335 9/5/2006 | VP-100 350 - 355 9/5/2006 | VP-100 371 - 376 9/1/2006 | VP-100 394 - 399 9/1/2006 | VP-101 60 - 60 6/27/2006 | VP-101 80 - 80 6/27/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 J | < 36 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **6** | **7** | < 5 | **0.5 J** | **0.8 J** | < 5 | < 5 |
| Toluene | 5 | **1 J** | **1 J** | < 5 | **0.7 J** | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **11** | **12** | **2 J** | **0.6 J** | **1 J** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | **0.9 J** | **0.8 J** | < 5 | < 5 | **0.7 J** | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **18.9** | **20.8** | **2.0** | **1.8** | **2.5** | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-101 100 - 100 6/28/2006 | VP-101 120 - 120 6/28/2006 | VP-101 140 - 140 6/28/2006 | VP-101 167 - 167 6/29/2006 | VP-101 180 - 180 6/29/2006 | VP-101 200 - 200 6/30/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 J | < 10 J | < 10 J | < 10 B | < 10 B | **4 J** |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 B | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | **0.6 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | 0 | 0 | **0.6** | **4.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-101 227 - 227 6/30/2006 | VP-101 (REP) 227 - 227 6/30/2006 | VP-101 240 - 240 7/5/2006 | VP-101 260 - 260 7/5/2006 | VP-101 287 - 287 7/6/2006 | VP-101 300 - 300 7/6/2006 | VP-101 320 - 320 7/6/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | | < 5 | | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | **5 J** | **5 J** | < 10 B | < 10 B | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 10 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | **1 JB** | < 5 B | < 5 B | < 5 B | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **0.8 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **6.8** | **5.0** | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-101 340 - 340 7/6/2006 | VP-101 360 - 360 7/7/2006 | VP-101 387 - 387 7/10/2006 | VP-101 400 - 400 7/10/2006 | VP-101 420 - 420 7/11/2006 | VP-101 440 - 440 7/11/2006 | VP-101 460 - 460 7/11/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | **6 J** | < 10 | **4 J** | **6 J** | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **6.0** | 0 | **4.0** | **6.0** | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | Sample Location: VP-101 Sample Depth (ft bls): 480 - 480 Sample Date: 7/12/2006 | VP-101 507 - 507 7/13/2006 | VP-102 45 - 50 10/13/2006 | VP-102 65 - 70 10/13/2006 | VP-102 (REP) 65 - 70 10/13/2006 | VP-102 85 - 90 10/13/2006 | VP-102 105 - 110 10/12/2006 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 18 | < 10 J | < 10 J | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | **0.32 J** | **0.37 J** | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | **0.42 J** | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | **1.6 J** | **4.2 J** | **4 J** | **4.4 J** | 7.2 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | 14 | 33 | 34 | 13 | 34 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | **15.6** | **37.5** | **38.8** | **17.4** | **41.2** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | Sample Location: VP-102<br>Sample Depth (ft bls): 125 - 130<br>Sample Date: 10/12/2006 | VP-102<br>135 - 140<br>10/11/2006 | VP-102<br>150 - 155<br>10/11/2006 | VP-102<br>160 - 165<br>10/11/2006 | VP-102<br>170 - 175<br>10/10/2006 | VP-102<br>180 - 185<br>10/10/2006 | VP-102<br>190 - 195<br>10/6/2006 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **2 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **6.2** | **12** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | **0.61 J** | **0.77 J** | **1.1 J** | **1.9 J** | **3.3 J** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.85 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | **0.98 J** | **1.2 J** | **2.5 J** | **4.1 J** | **2.2 J** | **3 J** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | **0.74 J** | < 5 | < 5 |
| Toluene | 5 | **1.6 J** | **4.3 J** | **5.1** | **3.5 J** | **0.64 J** | < 5 | **0.9 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **2.6 J** |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **16** | **83** | **86** | **140** | **150** | **78** | **110** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | **1 J** | **2.1 J** | **4.1 J** | **1.8 J** | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **17.6** | **88.3** | **93.9** | **148.9** | **160.7** | **92.1** | **132.7** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | Sample Location: VP-102<br>Sample Depth (ft bls): 200 - 205<br>Sample Date: 10/6/2006 | VP-102<br>220 - 225<br>10/5/2006 | VP-102<br>240 - 245<br>10/5/2006 | VP-102<br>250 - 255<br>10/4/2006 | VP-102 (REP)<br>250 - 255<br>10/4/2006 | VP-102<br>260 - 265<br>10/4/2006 |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| 1,1-Dichloroethane | 5 | **3.6 J** | < 5 | **7.8** | **6.6 J** | **5.8 J** | **8.7 J** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | **1.5 J** | **2.2 J** | **1.8 J** | **3.3 J** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 10 | < 10 | < 10 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| cis-1,2-dichloroethene | 5 | **1.7 J** | **6.2** | **4.7 J** | **34 J** | **31** | **47** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 10 JB | < 10 JB | < 10 JB |
| Styrene | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Toluene | 5 | **1.1 J** | < 5 J | < 5 J | < 10 J | **2.8 J** | **8 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Trichloroethylene | 5 | **62** | **190** | **180** | **340 D** | **330 D** | **440 D** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | **1.2 J** | **1.4 J** | **2.2 J** |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 10 | < 10 | < 10 |
| **TVOC** | | **68.4** | **196.2** | **194.0** | **384.0** | **372.8** | **509.2** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-102 290 - 295 10/2/2006 | VP-102 300 - 305 9/29/2006 | VP-102 310 - 315 9/29/2006 | VP-102 325 - 330 9/28/2006 | VP-102 (REP) 325 - 330 9/28/2006 | VP-102 345 - 350 9/28/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | 9.3 | 17 | 12 | 2.4 J | 2.7 J | 2.7 J |
| 1,1-Dichloroethene | 5 | 3.7 J | 4.9 J | 1.4 J | 1.9 J | 2 J | 1.2 J |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | 0.38 J | < 5 | < 5 | < 5 | 0.82 J |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | 0.75 J | 0.56 J | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | 71 | 79 | 18 | 21 | 22 | 15 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5.7 B | < 9.9 B | < 9.3 B | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | 0.55 J | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | 5.9 | < 5 | 0.33 J | 0.61 J | 0.72 J | < 5 |
| trans-1,2-dichloroethene | 5 | 0.61 J | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | 1100 D | 460 D | 100 | 310 D | 300 D | 200 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | 1.7 J | 3.2 | 1.9 J | < 2 | < 2 | 0.13 J |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **1,193.5** | **565.0** | **133.6** | **335.9** | **327.4** | **219.9** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-102 365 - 370 9/27/2006 | VP-102 370 - 375 10/3/2006 | VP-102 380 - 385 10/3/2006 | VP-103 60 - 60 10/10/2006 | VP-103 80 - 80 10/10/2006 | VP-103 100 - 100 10/10/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | **11** | < 10 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | **5.6 J** | **1.5 J** | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 J | < 10 |
| Benzene | 1 | < 0.7 | < 10 | < 10 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 10 | **0.44 J** | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | **78** | **23** | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 10 J | < 10 J | < 5 JB | < 5 | < 5 |
| Styrene | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 10 | **1.7 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | **5.4 J** | **4.6 J** | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **1.7 J** | **1000 D** | **1100 D** | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 10 | **2.4 J** | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | **3.3 J** | **0.34 J** | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| **TVOC** | | **1.7** | **1,103.3** | **1,134.0** | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-103 120 - 120 10/10/2006 | VP-103 140 - 140 10/11/2006 | VP-103 165 - 165 10/11/2006 | VP-103 185 - 185 10/11/2006 | VP-103 200 - 200 10/12/2006 | VP-103 220 - 220 10/12/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 J | < 10 J | < 10 | < 10 | < 10 J |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.43 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 JB |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **0.4** | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-103 240 - 240 10/12/2006 | VP-103 260 - 260 10/12/2006 | VP-103 285 - 285 10/13/2006 | VP-103 320 - 320 10/16/2006 | VP-103 345 - 345 10/16/2006 | VP-103 (REP) 345 - 345 10/16/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | **10** | < 5 | **16** | **2.9 J** | **2.4 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | **19** | < 5 | **17** | **10** | **8.6** |
| 1,1-Dichloroethene | 5 | < 5 | **9.3** | < 5 | **30** | **2.8 J** | **3.7 J** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | **4.3 J** | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 J | < 10 | < 10 J | < 10 J |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | **2 J** | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | **1.4 J** | < 5 | **4 J** | **1.7 J** | **1.1 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **55** | **110** | **13** | **270** | **190 J** | **150 J** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 5 | < 5 J | < 5 | < 5 JB | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | **0.65 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | **0.37 J** | < 5 | **1.1 J** | **1.2 J** | **0.19 J** |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **43** | **280 D** | **25** | **1900 D** | **450 DJ** | **320 DJ** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **98.0** | **430.1** | **38.0** | **2,244.4** | **659.3** | **486.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-103 360 - 360 10/17/2006 | VP-103 380 - 380 10/17/2006 | VP-103 400 - 400 10/17/2006 | VP-103 420 - 420 10/18/2006 | VP-103 440 - 440 10/18/2006 | VP-103 460 - 460 10/18/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | **4.1 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | **5.3** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **14** | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 J | < 5 | < 5 | < 5 | < 5 J |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **380 D** | **3.4 J** | **0.51 J** | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **403.4** | **3.4** | **0.5** | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-103 480 - 480 10/18/2006 | VP-103 500 - 500 10/19/2006 | VP-103 525 - 525 10/19/2006 | VP-103 545 - 545 10/20/2006 | VP-103 560 - 560 10/20/2006 | VP-103 580 - 580 10/23/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 J | < 5 JB | < 5 JB | < 5 JB | < 5 JB | < 5 JB |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-103 600 - 600 10/23/2006 | VP-103 620 - 620 10/23/2006 | VP-103 640 - 640 10/24/2006 | VP-103 (REP) 640 - 640 10/24/2006 | VP-103 660 - 660 10/24/2006 | VP-104 60 - 60 7/28/2006 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 16 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 5 JB | < 5 JB | < 5 JB | < 5 JB | < 5 J |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-104 80 - 80 7/28/2006 | VP-104 100 - 100 7/31/2006 | VP-104 120 - 120 7/31/2006 | VP-104 140 - 140 7/31/2006 | VP-104 (REP) 140 - 140 7/31/2006 | VP-104 160 - 160 7/31/2006 | VP-104 180 - 180 8/1/2006 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | | 50 | < 10 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | **1 J** | **2 J** | **150** | **8** | **10** | **19** | **2 J** |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | | **1.0** | **2.0** | **150.0** | **8.0** | **10.0** | **19.0** | **2.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-104 200 - 200 8/1/2006 | VP-104 220 - 220 8/1/2006 | VP-104 240 - 240 8/1/2006 | VP-104 260 - 260 8/2/2006 | VP-104 280 - 280 8/2/2006 | VP-104 300 - 300 8/2/2006 | VP-104 320 - 320 8/3/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | 7 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **3 J** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 J | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | **1 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.8 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **3 J** | **5 J** | 7 | 7 | 7 | **2 J** | **0.9 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **3.0** | **6.0** | **7.0** | **7.0** | **7.0** | **2.8** | **10.9** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-104 340 - 340 8/3/2006 | VP-104 360 - 360 8/3/2006 | VP-104 380 - 380 8/7/2006 | VP-104 400 - 400 8/7/2006 | VP-104 420 - 420 8/7/2006 | VP-104 (REP) 420 - 420 8/7/2006 | VP-104 460 - 460 8/8/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | **3 J** | **3 J** | **3 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | **10** | **11** | **11** | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | **3 J** | **4 J** | **4 J** | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 J | < 10 J | < 11 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | **0.7 J** | **0.7 J** | **0.6 J** | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 B | < 5 B | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | **2 J** | **2 J** | **2 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | **3 J** | **3 J** | **3 J** | **0.3 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | 0 | **21.7** | **23.7** | **23.6** | **0.3** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-104 480 - 480 8/8/2006 | VP-104 500 - 500 8/8/2006 | VP-104 520 - 520 8/14/2006 | VP-104 540 - 540 8/14/2006 | VP-104 560 - 560 8/14/2006 | VP-104 580 8/15/2006 | VP-104 600 8/15/2006 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | 6 | 1 J | < 5 | < 25 | < 25 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | 3 J | < 25 | 5 J | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | 15 | 2 J | 3 J | < 25 | < 25 | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | 9 | 2 J | 2 J | 4 J | 7 J | < 5 | < 5 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | 16 | < 25 | 12 J | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 5 | < 200 | < 250 | < 5 | < 5 |
| 2-Butanone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 10 | < 10 |
| 2-Hexanone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 10 | < 10 |
| 4-methyl-2-pentanone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 10 | < 10 |
| Acetone | | 50 | < 10 | < 10 J | 5 J | < 50 | < 50 | < 10 | < 10 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 0.7 | < 4 | < 4 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Chloroethane | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Chloroform | | 7 | 2 J | 6 | < 18 | < 25 J | < 25 J | < 5 | < 5 |
| Chloromethane | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | 20 | 84 | 380 D | 470 | 290 | 6 | 1 J |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Styrene | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Tetrachloroethene | | 5 | 19 | 4 J | 12 | 3 J | 7 J | < 5 | < 5 |
| Toluene | | 5 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 M | 6 | 4 J | 5 J | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Trichloroethylene | | 5 | 72 | 190 D | 1400 D | 3200 D | 6300 D | 110 | 17 |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 5 | < 5 | 0.5 J | < 25 | < 25 | < 5 | < 5 |
| Vinyl Acetate | | NE | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| Vinyl Chloride | | 2 | < 2 | < 2 M | < 2 | < 10 | < 10 | < 2 | < 2 |
| Xylene-o | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | | 10 | < 5 | < 5 | < 5 | < 25 | < 25 | < 5 | < 5 |
| **TVOC** | | | **143.0** | **289.0** | **1,827.5** | **3,681.0** | **6,626.0** | **116.0** | **18.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-104 620 8/15/2006 | VP-104 640 8/16/2006 | VP-104 660 8/16/2006 | VP-104 680 8/16/2006 | VP-104 707 8/21/2006 | VP-104 720 8/22/2006 | VP-104 740 8/22/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | **4 J** | < 10 | < 10 | < 10 | **6 J** | < 10 J | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **1 J** | < 5 | **0.9 J** | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **14** | **8** | **11** | **4 J** | **0.5 J** | **1 J** | **1 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **19.0** | **8.0** | **11.9** | **4.0** | **6.5** | **1.0** | **1.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-104 760 8/23/2006 | VP-104 780 8/23/2006 | VP-104 800 8/23/2006 | VP-104 820 8/24/2006 | VP-104 840 8/24/2006 | VP-104 860 8/25/2006 | VP-104 880 8/25/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | **5 J** | < 10 | < 10 J | < 10 J | **5 J** | **6 J** |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 J |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 JB |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **1 J** | **0.9 J** | **1 J** | **0.3 J** | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **1.0** | **5.9** | **1.0** | **0.3** | 0 | **5.0** | **6.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-105 45 - 50 8/2/2006 | VP-105 55 - 60 8/2/2006 | VP-105 65 - 70 8/2/2006 | VP-105 80 - 75 8/2/2006 | VP-105 85 - 90 8/1/2006 | VP-105 95 - 100 8/1/2006 | VP-105 102 - 107 8/1/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | 7 | 3 J | 2 J | 5 J |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | 2 J | 2 J | < 5 | 5 J |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 13 | < 10 | < 10 | < 10 | < 10 J | < 10 J | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | 0.5 J | 0.6 J | 2 J |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 M | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | 39 | 74 | 22 | 180 D | 280 D | 270 D | 1500 D |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | 0.8 J | 0.5 J | 0.5 J | 10 J |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | 4 J | 7 | 3 J | 51 | 28 | 12 | 78 J |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | 0.8 J | 3 | 0.8 J | 7 | 14 | 12 | 55 J |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **43.8** | **84.0** | **25.8** | **247.8** | **328.0** | **297.1** | **1,655.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | VP-105 115 - 120 7/31/2006 | VP-105 125 - 130 7/31/2006 | VP-105 135 - 140 7/31/2006 | VP-105 145 - 150 7/28/2006 | VP-105 155 - 160 7/28/2006 | VP-105 165 - 170 7/28/2006 | VP-106 49 - 54 6/30/2006 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | **0.7 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 B | < 10 B | < 10 B | < 10 | < 10 | < 10 | **6 J** |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | **0.9 J** | **2 J** | **4 J** | **3 J** | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | **2 J** | **2 J** | < 5 | **1 J** | **2 J** | **0.5 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **310 D** | **30** | **11** | **220 D** | **34** | **2 J** | **30** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | **3 J** | **1 J** | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **14** | **12** | **8** | **14** | **13** | **6** | **6** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | **11** | **0.8 J** | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **335.7** | **45.7** | **23.0** | **241.0** | **52.0** | **10.0** | **42.5** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-106 55 - 60 6/30/2006 | VP-106 65 - 70 6/30/2006 | VP-106 75 - 80 6/30/2006 | VP-106 85 - 90 6/30/2006 | VP-106 95 - 100 6/29/2006 | VP-106 105 - 110 6/29/2006 | VP-106 115 - 120 6/29/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | **1 J** | **5 J** | **8** | **3 J** | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | **0.8 J** | **3 J** | **7** | **0.6 J** | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | **6 J** | < 10 | < 10 | < 10 | < 10 B | < 10 B | < 10 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.8 J** | **1 J** | **0.6 J** | **3 J** | **5 J** | **10** | **11** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 J | < 5 | < 5 J |
| cis-1,2-dichloroethene | 5 | **140** | **610 D** | **1100 D** | **140** | **4 J** | **10** | **3 J** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 B | < 5 B | < 5 B | < 5 B | < 5 B | < 5 JB | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | **0.4 J** | **0.5 J** | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | **0.4 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | **0.3 J** | **2 J** | **2 J** | **0.5 J** | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **25** | **85** | **130** | **41** | **4 J** | **9** | **7** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | **2 J** | **2 J** | **31** | **2 J** | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **176.3** | **708.4** | **1,279.1** | **190.1** | **13.0** | **29.0** | **21.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-107 45 - 50 7/25/2006 | VP-107 55 - 60 7/25/2006 | VP-107 65 - 70 7/25/2006 | VP-107 75 - 80 7/25/2006 | VP-107 85 - 90 7/25/2006 | VP-107 95 - 100 7/21/2006 | VP-107 105 - 110 7/21/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | **8 J** | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | **8 J** | **6 J** |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | **5** | **5 J** | **16** | **40** | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 B | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **3 J** | **13** | **14** | **26** | **91** | < 5 | **0.6 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **3.0** | **18.0** | **19.0** | **50.0** | **131.0** | **8.0** | **6.6** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-107 119 - 124 7/21/2006 | VP-107 135 - 140 7/20/2006 | VP-107 148 - 153 7/20/2006 | VP-107 165 - 170 7/20/2006 | VP-108 45 - 50 7/14/2006 | VP-108 55 - 60 7/14/2006 | VP-108 65 - 70 7/14/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | **5 J** | < 10 | **8 J** | **7 J** | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | **0.3 J** | **0.3 J** | **1 J** | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 J | < 5 J | < 5 J |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | **8** | **17** | **9** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 B | < 5 | < 5 | < 5 | < 5 B | < 5 B | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | **4 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | **2 J** | **2 J** | **7** | **6** | **12** | **8** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | **2.3** | **7.3** | **12.0** | **22.0** | **36.0** | **17.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-108 75 - 80 7/14/2006 | VP-108 85 - 90 7/14/2006 | VP-108 95 - 100 7/14/2006 | VP-108 105 - 110 7/13/2006 | VP-108 115 - 120 7/13/2006 | VP-108 125 - 130 7/13/2006 | VP-108 (REP) 125 - 130 7/14/2006 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **3 J** | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **1 J** | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | **1 J** | < 5 | **2 J** | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 J | **8** | **10** | **12** | < 5 J | < 5 J |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **2 J** | **16** | **150** | **58** | **130** | **180 D** | **16** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | **3 J** | **13** | **6** | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 B | < 5 B | < 5 B | < 5 | < 5 | < 5 | < 5 B |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.8 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **2 J** | **16** | **110** | **62** | **110** | **370 D** | **12** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **4.0** | **32.0** | **268.0** | **134.0** | **265.0** | **562.8** | **28.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | VP-108 135 - 140 7/13/2006 | VP-108 145 - 150 7/13/2006 | VP-108 155 - 160 7/12/2006 | VP-108 165 - 170 7/12/2006 | VP-109 44 - 49 2/5/2007 | VP-109 55 - 60 2/5/2007 | VP-109 65 - 70 2/5/2007 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.57 J** | **0.32 J** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 JB | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **3.4 JB** |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | **0.3 J** | **0.5 J** | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 J | < 5 J | < 5 J | **3 J** | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **26** | **18** | **25** | **49** | **18** | **38** | **22** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 10 | < 10 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | **0.7 J** | < 5 | **1.1 J** | **7.7** | **0.51 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **60** | **77** | **39** | **80** | **18** | **44** | **22** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **86.0** | **95.0** | **65.0** | **132.5** | **37.1** | **90.3** | **48.2** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-109 75 - 80 2/5/2007 | VP-109 85 - 90 2/2/2007 | VP-109 95 - 100 2/2/2007 | VP-109 105 - 110 2/2/2007 | VP-109 115 - 120 2/1/2007 | VP-109 125 - 130 2/1/2007 | VP-109 135 - 140 1/31/2007 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 5 | < 5 | < 25 | 0.41 J | 0.42 J | 0.73 J | 1.1 J |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | 0.24 J | 1.7 J | 4.9 DJ | 6.3 | 6.3 | 8.6 | 12 |
| 1,1-Dichloroethene | | 5 | < 5 | 0.91 J | < 25 | 2.7 J | 2.7 J | 3.9 J | 5.9 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | < 25 | 0.63 J | < 5 | < 5 | 3 J |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | 0.56 J |
| 2-Butanone | | 50 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | | 50 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | | 50 | < 10 | < 10 | < 50 | < 10 | < 10 | < 10 | < 10 |
| Acetone | | 50 | < 10 | < 10 | < 50 | < 10 JB | < 10 JB | < 10 JB | < 10 JB |
| Benzene | | 1 | < 0.7 | < 0.7 | < 3.5 | < 0.7 | < 0.7 | < 0.7 | 0.24 J |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | 0.23 J | < 25 | < 5 | < 5 | < 5 | 0.21 J |
| Chloroethane | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | < 5 | 1.4 J | < 25 | 1.9 J | 1.8 J | 2.6 J | 3 J |
| Chloromethane | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | 0.62 J |
| cis-1,2-dichloroethene | | 5 | 29 | 240 D | 420 D | 510 D | 480 D | 380 D | 690 D |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | 2.3 DJ | < 5 | < 5 | < 5 JB | < 5 JB |
| Styrene | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | < 5 | 0.76 J | < 25 | 2.4 J | 2.3 J | 3.5 J | 4.5 J |
| Toluene | | 5 | 0.8 J | 0.79 J | < 25 | 2.8 J | 3 J | 3 J | 7.1 |
| trans-1,2-dichloroethene | | 5 | < 5 | 0.62 J | < 25 | 1.8 J | 1.7 J | 2.6 J | 2.1 J |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | 27 | 120 | 200 | 220 D | 300 D | 150 D | 680 D |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | 2 | < 2 | 0.22 J | < 10 | 1.9 J | 2.4 | 5 | 8.3 |
| Xylene-o | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | | 10 | < 5 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | | 57.0 | 366.6 | 627.2 | 750.8 | 800.6 | 559.9 | 1,418.6 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | Sample Location: VP-109<br>Sample Depth (ft bls): 145 - 150<br>Sample Date: 1/31/2007 | VP-109<br>155 - 160<br>1/31/2007 | VP-109<br>165 - 170<br>1/30/2007 | VP-109<br>175 - 180<br>1/30/2007 | VP-109<br>185 - 190<br>1/30/2007 | VP-109<br>195 - 200<br>1/29/2007 | VP-109<br>205 - 210<br>1/29/2007 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | 1.1 J | < 5 | < 50 | < 50 | < 100 | 0.76 J | 2 J |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 50 | < 50 | < 100 | 0.39 J | 0.79 J |
| 1,1-Dichloroethane | 5 | 12 | 6.4 | 11 DJ | 15 DJ | 21 DJ | 25 | 33 |
| 1,1-Dichloroethene | 5 | 6.4 | 3.5 J | 4.5 DJ | 3 DJ | < 100 | 5.7 | 14 |
| 1,2-Dichloroethane | 0.6 | 2.9 J | 2.1 J | < 50 | < 50 | < 100 | 1.9 J | 3.8 J |
| 1,2-Dichloropropane | 1 | 0.78 J | < 5 | < 50 | < 50 | < 100 | 0.48 J | 1.5 J |
| 2-Butanone | 50 | < 10 | < 10 | < 100 | < 100 | < 200 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 100 | < 100 | < 200 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 100 | 1.8 DJ | 5.6 DJ | < 10 | < 10 |
| Acetone | 50 | < 10 JB | < 10 JB | < 100 JB | < 100 JB | < 200 JB | < 10 JB | < 10 JB |
| Benzene | 1 | 0.32 J | < 0.7 | < 7 | < 7 | < 14 | < 0.7 | 0.51 J |
| Bromodichloromethane | 50 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | 0.28 J | < 5 | < 50 | < 50 | < 100 | 0.96 J | 0.53 J |
| Chloroethane | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Chloroform | 7 | 2.7 J | 1.7 J | 4.4 DJ | 5.5 DJ | 2.9 DJ | 6 | 4.1 J |
| Chloromethane | 5 | 0.8 J | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | 670 D | 410 D | 1200 D | 1500 D | 2000 D | 2000 D | 3400 D |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 50 | < 50 | < 100 | 3.5 J | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 5 JB | < 50 JB | < 50 JB | < 100 JB | < 5 JB | < 5 JB |
| Styrene | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Tetrachloroethene | 5 | 4.5 J | 3.9 J | < 50 | 2.5 DJ | < 100 | 6.4 | 8.7 |
| Toluene | 5 | 5.5 | 3.1 J | 1.3 DJ | < 50 | < 100 | 0.7 J | 1.3 J |
| trans-1,2-dichloroethene | 5 | 2.1 J | 1.2 J | < 50 | 3.9 DJ | < 100 | 7 | 13 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Trichloroethylene | 5 | 710 D | 540 D | 1200 D | 1500 D | 1700 D | 1500 D | 1800 D |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | 1.1 J |
| Vinyl Acetate | NE | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| Vinyl Chloride | 2 | 9.1 | 5.3 | 5 DJ | < 20 | 11 DJ | 6.2 | 47 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 50 | < 50 | < 100 | < 5 | < 5 |
| **TVOC** | | **1,428.5** | **977.2** | **2,426.2** | **3,031.7** | **3,740.5** | **3,565.0** | **5,331.3** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | NYSDEC SCGs | Sample Location: VP-109<br>Sample Depth (ft bls): 215 - 220<br>Sample Date: 1/26/2007 | VP-109<br>225 - 230<br>1/25/2007 | VP-109<br>235 - 240<br>1/25/2007 | VP-109 (REP)<br>235 - 240<br>1/25/2007 | VP-109<br>247 - 252<br>1/24/2007 | VP-109<br>255 - 260<br>1/24/2007 | VP-109<br>265 - 270<br>1/23/2007 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 100 | < 250 | < 250 | < 250 | **3.9 J** | **2.2 J** | < 250 |
| 1,1,2,2-Tetrachloroethane | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| 1,1,2-Trichloroethane | 1 | < 100 | < 250 | < 250 | < 250 | **0.7 J** | **0.24 J** | < 250 |
| 1,1-Dichloroethane | 5 | **38 J** | **48 DJ** | **64 DJ** | **51 DJ** | **13** | **6.9** | **35 DJ** |
| 1,1-Dichloroethene | 5 | **15 J** | **26 DJ** | **27 DJ** | **20 DJ** | **8.5** | **4.8 J** | **19 DJ** |
| 1,2-Dichloroethane | 0.6 | **14 J** | **14 DJ** | **25 DJ** | **17 DJ** | **3.1 J** | **1.3 J** | < 250 |
| 1,2-Dichloropropane | 1 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| 2-Butanone | 50 | < 200 | < 500 | < 500 | < 500 | < 10 | < 10 | < 500 |
| 2-Hexanone | 50 | < 200 | < 500 | < 500 | < 500 | < 10 | < 10 | < 500 |
| 4-methyl-2-pentanone | 50 | < 200 | < 500 | **7.8 DJ** | < 500 | < 10 | < 10 | < 500 |
| Acetone | 50 | < 200 JB | < 500 JB | < 500 JB | < 500 | < 10 JB | < 10 JB | < 500 JB |
| Benzene | 1 | < 14 | < 35 | < 35 | < 35 | < 0.7 | < 0.7 | < 35 |
| Bromodichloromethane | 50 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Bromoform | 50 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Bromomethane | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Carbon Disulfide | 60 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Carbon tetrachloride | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Chlorobenzene | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Chlorodifluoromethane (Freon 22) | NE | < 100 | < 250 | < 250 | < 250 | **0.27 J** | **0.23 J** | < 250 |
| Chloroethane | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Chloroform | 7 | < 100 | < 250 | < 250 | < 250 | **3.2 J** | **2.1 J** | < 250 |
| Chloromethane | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| cis-1,2-dichloroethene | 5 | **2700** | **2800 D** | **3200 D** | **3000 D** | **560 D** | **280 D** | **2500 D** |
| cis-1,3-dichloropropene | 0.4 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Dibromochloromethane | 50 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Ethylbenzene | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Methylene Chloride | 5 | < 100 JB | < 250 JB | < 250 JB | < 250 JB | < 5 JB | < 5 JB | < 250 JB |
| Styrene | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Tetrachloroethene | 5 | **3.2 J** | < 250 | < 250 | < 250 | **11** | **8.9** | < 250 |
| Toluene | 5 | < 100 J | < 250 | < 250 | < 250 | **1.3 J** | **0.45 J** | < 250 |
| trans-1,2-dichloroethene | 5 | **12 J** | **21 DJ** | **22 DJ** | < 250 | **1.9 J** | **1.1 J** | < 250 |
| trans-1,3-dichloropropene | 0.4 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Trichloroethylene | 5 | **2400** | **3900 D** | **5800 DJ** | **4200 DJ** | **2400 D** | **1300 D** | **5200 D** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Vinyl Acetate | NE | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| Vinyl Chloride | 2 | **44** | **38 DJ** | **27 DJ** | **39 DJ** | < 2 | < 2 | < 100 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 100 | < 250 | < 250 | < 250 | < 5 | < 5 | < 250 |
| **TVOC** | | **5,226.2** | **6,847.0** | **9,172.8** | **7,327.0** | **3,006.9** | **1,608.2** | **7,754.0** |

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Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-109 275 - 280 1/23/2007 | VP-109 288 - 293 1/22/2007 | VP-109R 302 5/1/2008 | VP-109R 327 5/1/2008 | VP-109R 337 5/2/2008 | VP-109R 361 5/2/2008 | VP-109R 382 5/5/2008 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,1,2-Trichloroethane | | 1 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,1-Dichloroethane | | 5 | **26 DJ** | **31 DJ** | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,1-Dichloroethene | | 5 | **13 DJ** | **19 JD** | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,2-Dichloroethane | | 0.6 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| 1,2-Dichloropropane | | 1 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| 2-Butanone | | 50 | < 200 | < 500 | < 250 | < 50 | < 100 | < 1300 | < 100 |
| 2-Hexanone | | 50 | < 200 | < 500 | < 250 | < 50 | < 100 | < 1300 | < 100 |
| 4-methyl-2-pentanone | | 50 | < 200 | < 500 | < 250 | < 50 | < 100 | < 1300 | < 100 |
| Acetone | | 50 | < 200 JB | < 500 | < 250 | < 50 | < 100 | < 1300 | < 100 |
| Benzene | | 1 | < 14 | < 35 | < 3.5 | < 0.7 | < 1.4 | < 18 | < 1.4 |
| Bromodichloromethane | | 50 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Bromoform | | 50 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Bromomethane | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Carbon Disulfide | | 60 | < 100 | < 250 | < 250 | < 50 | < 100 | < 1300 | < 100 |
| Carbon tetrachloride | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Chlorobenzene | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Chlorodifluoromethane (Freon 22) | | NE | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Chloroethane | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Chloroform | | 7 | < 100 | < 250 | < 35 | < 7 | < 14 | < 180 | < 14 |
| Chloromethane | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| cis-1,2-dichloroethene | | 5 | **1500 D** | **2200 D** | **360** | **36** | **26** | **220** | **17** |
| cis-1,3-dichloropropene | | 0.4 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Dibromochloromethane | | 50 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Ethylbenzene | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Methylene Chloride | | 5 | < 100 JB | < 250 JB | < 25 | < 5 | < 10 | < 130 | < 10 |
| Styrene | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Tetrachloroethene | | 5 | **2.4 DJ** | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Toluene | | 5 | **2.1 DJ** | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| trans-1,2-dichloroethene | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| trans-1,3-dichloropropene | | 0.4 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Trichloroethylene | | 5 | **3900 D** | **5500 D** | **660** | **190** | **320** | **3600** | **370** |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 100 | < 250 | < 25 | < 5 | < 10 | < 130 | < 10 |
| Vinyl Acetate | | NE | < 100 | < 250 | -- | -- | -- | -- | -- |
| Vinyl Chloride | | 2 | < 40 | **8.2 JD** | < 10 | < 2 | < 4 | < 50 | < 4 |
| Xylene-o | | NE | -- | -- | < 25 | < 5 | < 10 | < 130 | < 10 |
| Xylenes - m,p | | NE | -- | -- | < 25 | < 5 | < 10 | < 130 | < 10 |
| Xylene (total) | | 10 | < 100 | < 250 | -- | -- | -- | -- | -- |
| **TVOC** | | | **5,443.5** | **7,758.2** | **1,020.0** | **226.0** | **346.0** | **3,820.0** | **387.0** |

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Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-109R 402 5/5/2008 | VP-109R 421 5/6/2008 | VP-109R (REP) 421 5/6/2008 | VP-109R 447 5/7/2008 | VP-109R 461 5/7/2008 | VP-109R 481 5/8/2008 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | 0.6 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| 2-Butanone | | 50 | < 100 | < 250 | < 250 | < 50 | < 50 | < 50 |
| 2-Hexanone | | 50 | < 100 | < 250 | < 250 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | 50 | < 100 | < 250 | < 250 | < 50 | < 50 | < 50 |
| Acetone | | 50 | < 100 | < 250 | < 250 | < 50 | < 50 | < 50 |
| Benzene | | 1 | < 1.4 | < 3.5 | < 3.5 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 100 | < 250 | < 250 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Chloroethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | < 14 | < 35 | < 35 | < 7 | < 7 | < 7 |
| Chloromethane | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | 15 | < 25 | < 25 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | 0.4 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Styrene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | < 10 | < 25 | < 25 | < 5 | 5.5 | < 5 |
| Toluene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | 680 D | 690 | 770 | 12 | 24 | 6.5 |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | | 2 | < 4 | < 10 | < 10 | < 2 | < 2 | < 2 |
| Xylene-o | | NE | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | NE | < 10 | < 25 | < 25 | < 5 | < 5 | < 5 |
| Xylene (total) | | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | | **695.0** | **690.0** | **770.0** | **12.0** | **29.5** | **6.5** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-109R 502 5/8/2008 | VP-109R 521 5/9/2008 | VP-110 40 - 45 2/22/2007 | VP-110 45-50 2/22/2007 | VP-110 50 - 55 2/22/2007 | VP-110 60 - 65 2/21/2007 | VP-110 70 - 75 2/21/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 50 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 50 | < 50 | < 10 JB | < 10 JB | < 10 JB | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 JB | < 5 JB | < 5 JB | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | **0.22 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | **9.6** | **21** | **18** | **2.5 J** | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | **0.24 J** | **0.2 J** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | < 5 | < 5 | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | -- | -- | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | 0 | 0 | **9.6** | **21.5** | **18.2** | **2.5** | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-110 80-85 2/21/2007 | VP-110 90 - 95 2/21/2007 | VP-110 100 - 105 2/21/2007 | VP-110 110 - 115 2/20/2007 | VP-110 120 - 125 2/20/2007 | VP-110 140 - 145 2/20/2007 | VP-110 150 - 155 2/20/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | **0.78 J** | **0.2 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | **0.24 J** | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 JB | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 JB | < 10 JB | < 10 JB | < 10 JB |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 JB | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.19 J** | **0.34 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 J | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 JB | < 5 JB | < 5 JB | < 5 JB |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | **0.56 J** | **0.53 J** | **0.98 J** | **0.97 J** | **0.49 J** | **2 J** | **0.87 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.38 J** | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **0.6** | **0.5** | **1.0** | **1.0** | **1.5** | **2.8** | **1.2** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-110 160 - 165 2/20/2007 | VP-110 170 - 175 2/16/2007 | VP-110 180 - 185 2/16/2007 | VP-110 (REP) 180 - 185 2/16/2007 | VP-110 190 - 195 2/16/2007 | VP-110 200 - 205 2/13/2007 | VP-110 210 - 215 2/13/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | **0.52 J** | < 10 |
| Acetone | 50 | < 10 JB | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 JB | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.34 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 JB | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **0.31 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | **0.98 J** | **0.33 J** | **0.77 J** | **0.75 J** | **0.65 J** | **1.2 J** | **1.3 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **1.6** | **0.3** | **0.8** | **0.8** | **0.7** | **1.7** | **1.3** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-110 220 - 225 2/13/2007 | VP-110 230 - 235 2/9/2007 | VP-110 240 - 245 2/9/2007 | VP-110 250 - 255 2/7/2007 | VP-110 260 - 265 2/7/2007 | VP-110 270 - 275 2/7/2007 | VP-110 283 - 288 2/6/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | **1.3 J** | **0.87 J** | **1.5 J** | **1.5 J** | **0.54 J** | **1.5 J** | **0.56 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.39 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **1.3** | **0.9** | **1.5** | **1.5** | **0.5** | **1.5** | **1.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-110 295 - 300 2/6/2007 | VP-110 325 - 330 2/5/2007 | VP-110 333 - 338 2/5/2007 | VP-110 344 - 349 2/1/2007 | VP-110 315 - 350 2/6/2007 | VP-110 352 - 357 2/1/2007 | VP-110 362 - 367 1/31/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | **0.74 J** | **7.1** | **4.8 J** | < 5 | **0.96 J** | **2.8 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | **0.36 J** | **0.79 J** | **1.1 J** | < 5 | **0.46 J** | **1.3 J** |
| 1,1-Dichloroethene | 5 | < 5 | **1.8 J** | **22** | **16** | **1.4 J** | **2.6 J** | **13** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-methyl-2-pentanone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | **1.9 JB** | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | **0.96 J** | **0.61 J** | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | **0.47 J** | < 5 | < 5 | < 5 | **0.4 J** |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | **0.49 J** | **0.46 J** | < 5 | < 5 J | **0.79 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | **4.6 J** | **5.4** | < 5 | **0.23 J** | **5.6** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | **1.3 J** | **11** | **7.8** | **0.6 J** | **1.9 J** | **10** |
| Toluene | 5 | **1.2 J** | **1 J** | **1.3 J** | **0.32 J** | **0.77 J** | **0.73 J** | **0.23 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **2.3 J** | **8.5** | **43** | **47** | **6.8** | **13** | **51** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | **0.7 J** | **8.9** | **5.3** | < 5 | **0.96 J** | **3.8 J** |
| Vinyl Acetate | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylenes - m,p | NE | -- | -- | -- | -- | -- | -- | -- |
| Xylene (total) | 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **TVOC** | | **3.5** | **14.4** | **100.6** | **88.8** | **11.5** | **20.8** | **88.9** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-110 352 - 367 2/1/2007 | VP-110 372 - 377 1/31/2007 | VP-110 382 - 387 1/30/2007 | VP-110R 384 7/8/2008 | VP-110R 404 7/9/2008 | VP-110R (REP) 404 7/9/2008 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | **0.99 J** | **0.48 J** | **1.4 J** | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | **0.4 J** | **0.33 J** | **3.9 J** | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | **3.3 J** | **1.4 J** | **6.3** | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | **0.79 J** | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 50 |
| 2-Hexanone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | 50 | < 10 | < 10 | **0.18 J** | < 50 | < 50 | < 50 |
| Acetone | | 50 | < 10 | < 10 | < 10 | < 50 | < 50 | < 50 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 5 | < 5 | < 5 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | **0.5 J** | < 5 | < 5 | < 5 |
| Chloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | **0.24 J** | < 5 | **1.5 J** | < 7 | < 7 | < 7 |
| Chloromethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | **0.35 J** | < 5 | **59** | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | **2.2 J** | **1.4 J** | **11** | **12** | **7** | **6.7** |
| Toluene | | 5 | **0.71 J** | **0.45 J** | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | **14** | **6.8** | **120** | **19** | **7.5** | **7.3** |
| Trichlorotrifluoroethane (Freon 113) | | 5 | **1.1 J** | **0.51 J** | **1.9 J** | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | < 5 | < 5 | < 5 | -- | -- | -- |
| Vinyl Chloride | | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | NE | -- | -- | -- | < 5 | < 5 | < 5 |
| Xylenes - m,p | | NE | -- | -- | -- | < 5 | < 5 | < 5 |
| Xylene (total) | | 10 | < 5 | < 5 | < 5 | -- | -- | -- |
| **TVOC** | | | **23.3** | **11.4** | **206.5** | **31.0** | **14.5** | **14.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-110R 424 7/9/2008 | VP-110R 444 7/9/2008 | VP-110R 464 7/10/2008 | VP-110R 489 7/11/2008 | VP-110R 504 7/11/2008 | VP-110R 524 7/11/2008 | VP-110R 544 7/14/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **10** | **11** | **10** | **9.7** | **5.9** | **14** | **6.1** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **10** | **9.3** | **9.8** | **9.3** | **8.1** | **8.8** | **9** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **20.0** | **20.3** | **19.8** | **19.0** | **14.0** | **22.8** | **15.1** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: | VP-110R | VP-110R | VP-110R | VP-110R | VP-111 | VP-111 | VP-111 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth (ft bls): | 569 | 584 | 604 | 629 | 51 | 71 | 91 |
| | Sample Date: | 7/14/2008 | 7/15/2008 | 7/15/2008 | 7/16/2008 | 4/17/2007 | 4/17/2007 | 4/17/2007 |
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **13** | **12** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **10** | **8.7** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **23.0** | **20.7** | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: | VP-111 | VP-111 | VP-111 | VP-111 | VP-111 (REP) | VP-111 | VP-111 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth (ft bls): | 111 | 131 | 151 | 171 | 171 | 191 | 211 |
| | Sample Date: | 4/17/2007 | 4/18/2007 | 4/18/2007 | 4/18/2007 | 4/18/2007 | 4/19/2007 | 4/19/2007 |
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-111 231 4/19/2007 | VP-111 251 4/19/2007 | VP-111 271 4/20/2007 | VP-111 291 4/20/2007 | VP-111 311 4/20/2007 | VP-111 331 4/20/2007 | VP-111 351 4/23/2007 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5.8** | **7.6** |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | < 5 | < 5 | **7.4** | **10** | **6.4** | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | **5.6** | **7.6** | **9.2** |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | < 5 | < 5 | **9.2** | **48** | **18** | **18** | **14** |
| Toluene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | < 5 | < 5 | **8** | **8.5** | **17** | **25** | **30** |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | | 0 | 0 | **24.6** | **66.5** | **47.0** | **56.4** | **60.8** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-111 371 4/23/2007 | VP-111 391 4/24/2007 | VP-111 411 4/24/2007 | VP-111 431 4/24/2007 | VP-111 451 4/24/2007 | VP-111 471 4/25/2007 | VP-111 491 4/25/2007 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | 10 | 5.6 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,1-Dichloroethane | | 5 | < 5 | 6.9 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,1-Dichloroethene | | 5 | 10 | 7.4 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| 2-Butanone | | 50 | < 50 | < 50 | < 100 | < 250 | < 2500 | < 2500 | < 250 |
| 2-Hexanone | | 50 | < 50 | < 50 | < 100 | < 250 | < 2500 | < 2500 | < 250 |
| 4-methyl-2-pentanone | | 50 | < 50 | < 50 | < 100 | < 250 | < 2500 | < 2500 | < 250 |
| Acetone | | 50 | < 50 | < 50 | < 100 | < 250 | < 2500 | < 2500 | < 250 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 1.4 | < 3.5 | < 35 | < 35 | < 3.5 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Bromoform | | 50 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Bromomethane | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Carbon Disulfide | | 60 | < 50 | < 50 | < 100 | < 250 | < 2500 | < 2500 | < 250 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Chloroethane | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Chloroform | | 7 | < 7 | < 7 | < 14 | < 35 | < 350 | < 350 | < 35 |
| Chloromethane | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| cis-1,2-dichloroethene | | 5 | 23 | 65 | 130 | 300 | 1400 | 1200 | 55 |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Styrene | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Tetrachloroethene | | 5 | 11 | 28 | 13 | < 25 | < 250 | < 250 | < 25 |
| Toluene | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Trichloroethylene | | 5 | 55 | 160 | 240 | 520 | 9100 | 6500 | 1700 D |
| Trichlorotrifluoroethane (Freon 113) | | 5 | 5.1 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Vinyl Acetate | | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | | 2 | < 2 | < 2 | < 4 | < 10 | < 100 | < 100 | < 10 |
| Xylene-o | | NE | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Xylenes - m,p | | NE | < 5 | < 5 | < 10 | < 25 | < 250 | < 250 | < 25 |
| Xylene (total) | | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | | **114.1** | **272.9** | **383.0** | **820.0** | **10,500.0** | **7,700.0** | **1,755.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-111 511 4/25/2007 | VP-111 531 4/26/2007 | VP-111 511 4/26/2007 | VP-111 (REP) 551 4/26/2007 | VP-111 571 4/27/2007 | VP-111 591 4/27/2007 | VP-111 616 4/30/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 130 | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 130 | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 130 | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 130 | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 1.8 | < 1.4 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 130 | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 18 | < 14 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **13** | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **820 D** | **430 D** | **52** | **54** | < 5 | < 5 | **30** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 5 | < 4 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 13 | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **833.0** | **430.0** | **52.0** | **54.0** | 0 | 0 | **30.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-111 631 5/1/2007 | VP-112 60 5/23/2007 | VP-112 80 5/23/2007 | VP-112 100 5/23/2007 | VP-112 120 5/24/2007 | VP-112 140 5/24/2007 | VP-112 165 5/24/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5.4** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | **6.4** | < 5 | **16** | **62** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5.2** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | **6.4** | 0 | **16.0** | **72.6** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-112 185 5/30/2007 | VP-112 200 5/30/2007 | VP-112 220 5/31/2007 | VP-112 240 5/31/2007 | VP-112 (REP) 240 5/31/2007 | VP-112 260 5/31/2007 | VP-112 280 5/31/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **20** | < 5 | **19** | **66** | **64** | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **76** | **9.8** | **84** | **190** | **180** | **6.8** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **20** | < 5 | **19** | **56** | **55** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | **5.9** | < 2 | **4.1** | **5.2** | **5.1** | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **121.9** | **9.8** | **126.1** | **317.2** | **304.1** | **6.8** | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-112 300 6/1/2007 | VP-112 320 6/1/2007 | VP-112 340 6/1/2007 | VP-112 360 6/4/2007 | VP-112 380 6/4/2007 | VP-112 410 6/5/2007 | VP-112 420 6/6/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | 5.4 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | **5.4** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-112 440 6/6/2007 | VP-112 470 6/7/2007 | VP-112 (REP) 470 6/7/2007 | VP-112 480 6/7/2007 | VP-112 500 6/7/2007 | VP-112 520 6/7/2007 | VP-112 545 6/8/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 1,1-Dichloroethane | 5 | 5.2 | 5.4 | 5.5 | 6.1 | 5.6 | < 5 | < 50 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 500 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 500 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 500 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 500 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 500 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 70 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| cis-1,2-dichloroethene | 5 | < 5 | 13 | 14 | 8.9 | 24 | 30 | 110 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Trichloroethylene | 5 | < 5 | 86 | 86 | 26 | 40 | 260 D | 760 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 20 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 50 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **5.2** | **104.4** | **105.5** | **41.0** | **69.6** | **290.0** | **870.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-112 560 6/8/2007 | VP-112 580 6/8/2007 | VP-112 600 6/11/2007 | VP-112 620 6/13/2007 | VP-112 640 6/13/2007 | VP-112 660 6/14/2007 | VP-112 680 6/14/2007 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| 2-Butanone | 50 | < 250 | < 500 | < 250 | < 250 | < 250 | < 50 | < 50 |
| 2-Hexanone | 50 | < 250 | < 500 | < 250 | < 250 | < 250 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 250 | < 500 | < 250 | < 250 | < 250 | < 50 | < 50 |
| Acetone | 50 | < 250 | < 500 | < 250 | < 250 | < 250 | < 50 | < 50 |
| Benzene | 1 | < 3.5 | < 7 | < 3.5 | < 3.5 | < 3.5 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Bromoform | 50 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Bromomethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 250 | < 500 | < 250 | < 250 | < 250 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Chlorobenzene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Chloroethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Chloroform | 7 | < 35 | < 70 | **45** | < 35 | < 35 | < 7 | < 7 |
| Chloromethane | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **96** | **190** | **130** | **30** | < 25 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Ethylbenzene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Methylene Chloride | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Styrene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Toluene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Trichloroethylene | 5 | **480** | **680** | **580** | **560** | **120** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 10 | < 20 | < 10 | < 10 | < 10 | < 2 | < 2 |
| Xylene-o | NE | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Xylenes - m,p | NE | < 25 | < 50 | < 25 | < 25 | < 25 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **576.0** | **870.0** | **755.0** | **590.0** | **120.0** | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-112 700 6/14/2007 | VP-113 50 3/19/2008 | VP-113 70 3/20/2008 | VP-113 90 3/20/2008 | VP-113 110 3/21/2008 | VP-113 130 3/21/2008 | VP-113 150 3/24/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,1-Dichloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,1-Dichloroethene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 1,2-Dichloropropane | 1 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| 2-Butanone | 50 | < 50 | < 100 | < 100 | < 50 | < 100 | < 50 | < 250 |
| 2-Hexanone | 50 | < 50 | < 100 | < 100 | < 50 | < 100 | < 50 | < 250 |
| 4-methyl-2-pentanone | 50 | < 50 | < 100 | < 100 | < 50 | < 100 | < 50 | < 250 |
| Acetone | 50 | < 50 | < 100 | < 100 | < 50 | < 100 | < 50 | < 250 |
| Benzene | 1 | < 0.7 | < 1.4 | < 1.4 | < 0.7 | < 1.4 | < 0.7 | < 3.5 |
| Bromodichloromethane | 50 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Bromoform | 50 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Bromomethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Carbon Disulfide | 60 | < 50 | < 100 | < 100 | < 50 | < 100 | < 50 | < 250 |
| Carbon tetrachloride | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Chlorobenzene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Chloroethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Chloroform | 7 | < 7 | < 14 | < 14 | < 7 | < 14 | < 7 | < 35 |
| Chloromethane | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| cis-1,2-dichloroethene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Dibromochloromethane | 50 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Ethylbenzene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Methylene Chloride | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Styrene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Tetrachloroethene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Toluene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| trans-1,2-dichloroethene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Trichloroethylene | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 4 | < 4 | < 2 | < 4 | < 2 | < 10 |
| Xylene-o | NE | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Xylenes - m,p | NE | < 5 | < 10 | < 10 | < 5 | < 10 | < 5 | < 25 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-113 170 3/24/2008 | VP-113 190 3/24/2008 | VP-113 210 3/25/2008 | VP-113 230 3/25/2008 | VP-113 250 3/25/2008 | VP-113 270 3/26/2008 | VP-113 290 3/26/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | **5.9** | < 5 |
| 1,1-Dichloroethene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| 2-Butanone | 50 | < 100 | < 50 | < 50 | < 50 | < 250 | < 50 | < 50 |
| 2-Hexanone | 50 | < 100 | < 50 | < 50 | < 50 | < 250 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 100 | < 50 | < 50 | < 50 | < 250 | < 50 | < 50 |
| Acetone | 50 | < 100 | < 50 | < 50 | < 50 | < 250 | < 50 | < 50 |
| Benzene | 1 | < 1.4 | < 0.7 | < 0.7 | < 0.7 | < 3.5 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Bromoform | 50 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Bromomethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 100 | < 50 | < 50 | < 50 | < 250 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Chlorobenzene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Chloroethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Chloroform | 7 | < 14 | < 7 | < 7 | < 7 | < 35 | < 7 | < 7 |
| Chloromethane | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Ethylbenzene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Methylene Chloride | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Styrene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Toluene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Trichloroethylene | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | **8** | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 4 | < 2 | < 2 | < 2 | < 10 | < 2 | < 2 |
| Xylene-o | NE | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Xylenes - m,p | NE | < 10 | < 5 | < 5 | < 5 | < 25 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | **13.9** | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-113 310 3/28/2008 | VP-113 330 3/28/2008 | VP-113 350 3/28/2008 | VP-113 370 3/31/2008 | VP-113 410 3/31/2008 | VP-113 417 4/1/2008 | VP-113 421 4/1/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 100 | < 100 | < 100 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 100 | < 100 | < 100 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 100 | < 100 | < 100 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 100 | < 100 | < 100 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 1.4 | < 1.4 | < 1.4 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 100 | < 100 | < 100 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 14 | < 14 | < 14 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 4 | < 4 | < 4 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 10 | < 10 | < 10 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-113 431 4/2/2008 | VP-113 436 4/2/2008 | VP-113 441 4/2/2008 | VP-113 462 4/3/2008 | VP-113 492 4/4/2008 | VP-113 (REP) 492 3/24/2008 | VP-114 59 5/16/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 110 | < 250 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 110 | < 250 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 110 | < 250 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 110 | < 250 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 1.6 | < 3.5 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 110 | < 250 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 16 | < 35 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 4.5 | < 10 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 11 | < 25 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-114 74 5/19/2008 | VP-114 94 5/19/2008 | VP-114 114 5/19/2008 | VP-114 134 5/19/2008 | VP-114 154 5/20/2008 | VP-114 174 5/20/2008 | VP-114 194 5/20/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | NYSDEC SCGs | VP-114 214 5/22/2008 | VP-114 234 5/22/2008 | VP-114 259 5/27/2008 | VP-114 (REP) 259 5/27/2008 | VP-114 274 5/27/2008 | VP-114 294 5/28/2008 | VP-114 314 5/28/2008 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-114 339 5/28/2008 | VP-114 354 5/29/2008 | VP-114 379 6/2/2008 | VP-114 394 6/2/2008 | VP-114 419 6/3/2008 | VP-114 449 6/4/2008 | VP-114 474 6/5/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-114 494 6/5/2008 | VP-115 82 6/5/2008 | VP-115 102 6/6/2008 | VP-115 122 6/6/2008 | VP-115 (REP) 122 6/6/2008 | VP-115 142 6/6/2008 | VP-115 162 6/9/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-115 182 6/9/2008 | VP-115 202 6/9/2008 | VP-115 222 6/10/2008 | VP-115 242 6/10/2008 | VP-115 262 6/10/2008 | VP-115 282 6/11/2008 | VP-115 302 6/11/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | **6.6** | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | **6.9** | **9.8** | **8.3** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | **6.9** | **16.4** | **8.3** | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-115 322 6/11/2008 | VP-115 342 6/12/2008 | VP-115 362 6/12/2008 | VP-115 382 6/13/2008 | VP-115 402 6/13/2008 | VP-115 422 6/16/2008 | VP-115 442 6/16/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | **9.6** | < 5 | **8.5** |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | **6.6** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **6.9** | **6.2** | < 5 | **7.2** | **9.4** | **6.5** | **7.6** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **6.9** | **6.2** | 0 | **13.8** | **19.0** | **6.5** | **16.1** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-115 462 6/17/2008 | VP-115 482 6/17/2008 | VP-115 502 6/18/2008 | VP-115 522 6/18/2008 | VP-115 527 6/19/2008 | VP-115 542 6/19/2008 | VP-115 562 6/20/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | **9.1** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **7** | **6.3** | **6.5** | < 5 | **6.6** | < 5 | **6** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **7.0** | **15.4** | **6.5** | 0 | **6.6** | 0 | **6.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-115 582 6/20/2008 | VP-115 602 6/23/2008 | VP-116 54 3/4/2008 | VP-116 74 3/4/2008 | VP-116 94 3/4/2008 | VP-116 114 3/5/2008 | VP-116 134 3/5/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **16** | **19** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **7.8** | **8.6** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **7.8** | **8.6** | 0 | 0 | 0 | **16.0** | **19.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-116 154 3/5/2008 | VP-116 179 3/6/2008 | VP-116 194 3/6/2008 | VP-116 214 3/7/2008 | VP-116 (REP) 214 3/7/2008 | VP-116 243 3/7/2008 | VP-116 245 3/7/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 250 | < 200 | < 100 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 250 | < 200 | < 100 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 250 | < 200 | < 100 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 250 | < 200 | < 100 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 3.5 | < 2.8 | < 1.4 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 250 | < 200 | < 100 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | **5.4** | < 25 | < 20 | < 10 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 35 | < 28 | < 14 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | **43** | **200** | **200** | **150** | **8.6** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | **11** | < 25 | < 20 | < 10 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Tetrachloroethene | 5 | **36** | **27** | **81** | **620** | **630** | **620 D** | **100** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | **38** | **140** | **140** | **110** | **18** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | **14** | **51** | **53** | **29** | **2.5** |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 25 | < 20 | < 10 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **36.0** | **27.0** | **192.4** | **1,011.0** | **1,023.0** | **909.0** | **129.1** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-116 274 3/10/2008 | VP-116 294 3/10/2008 | VP-116 314 3/11/2008 | VP-116 334 3/11/2008 | VP-116 369 3/12/2008 | VP-116 374 3/12/2008 | VP-116 394 3/13/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5.4** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **32** | **23** | **79** | **22** | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **26** | **140** | **300 D** | **85** | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **16** | **30** | **73** | **23** | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | **7.3** | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **81.3** | **193.0** | **452.0** | **130.0** | 0 | 0 | **5.4** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-116 414 3/13/2008 | VP-116 434 3/13/2008 | VP-116 454 3/14/2008 | VP-116 474 3/14/2008 | VP-116 494 3/14/2008 | VP-116 514 3/17/2008 | VP-116 544 3/18/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| 1,1-Dichloroethane | 5 | < 5 | **5.8** | **5.6** | **5.6** | < 5 | < 5 | < 13 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **6.4** | < 13 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | **16** | < 13 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 1.8 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | **23** | < 18 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | **5.6** | < 5 | **61** | **33** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | **18** | **470 D** | **330** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 5 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | **5.8** | **5.6** | **11.2** | **18.0** | **576.4** | **363.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-116 554 3/18/2008 | VP-116 574 3/18/2008 | VP-116 594 3/19/2008 | VP-116 614 3/19/2008 | VP-116 634 3/20/2008 | VP-116 659 3/21/2008 | VP-116 674 3/21/2008 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 1,1-Dichloroethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 1,1-Dichloroethene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 10 | < 50 | **6.9** | < 13 | < 5 | < 10 | < 5 |
| 1,2-Dichloropropane | 1 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| 2-Butanone | 50 | < 100 | < 500 | < 50 | < 130 | < 50 | < 100 | < 50 |
| 2-Hexanone | 50 | < 100 | < 500 | < 50 | < 130 | < 50 | < 100 | < 50 |
| 4-methyl-2-pentanone | 50 | < 100 | < 500 | < 50 | < 130 | < 50 | < 100 | < 50 |
| Acetone | 50 | < 100 | < 500 | < 50 | < 130 | < 50 | < 100 | < 50 |
| Benzene | 1 | < 1.4 | < 7 | < 0.7 | < 1.8 | < 0.7 | < 1.4 | < 0.7 |
| Bromodichloromethane | 50 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Bromoform | 50 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Bromomethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Carbon Disulfide | 60 | < 100 | < 500 | < 50 | < 130 | < 50 | < 100 | < 50 |
| Carbon tetrachloride | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Chlorobenzene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Chloroethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Chloroform | 7 | **22** | < 70 | **20** | < 18 | < 7 | < 14 | < 7 |
| Chloromethane | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| cis-1,2-dichloroethene | 5 | **51** | **140** | **120** | **31** | < 5 | < 10 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Dibromochloromethane | 50 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Ethylbenzene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Methylene Chloride | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Styrene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Tetrachloroethene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Toluene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| trans-1,2-dichloroethene | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Trichloroethylene | 5 | **250** | **1900** | **910 D** | **460** | **28** | **43** | **8.5** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 4 | < 20 | < 2 | < 5 | < 2 | < 4 | < 2 |
| Xylene-o | NE | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Xylenes - m,p | NE | < 10 | < 50 | < 5 | < 13 | < 5 | < 10 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **323.0** | **2,040.0** | **1,056.9** | **491.0** | **28.0** | **43.0** | **8.5** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-116 699 3/24/2008 | VP-117 54 12/9/2008 | VP-117 104 12/9/2008 | VP-117 (REP) 104 12/9/2008 | VP-117 154 12/10/2008 | VP-117 204 12/10/2008 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-117 254 12/10/2008 | VP-117 304 12/11/2008 | VP-117 329 12/11/2008 | VP-117 349 12/12/2008 | VP-117 374 12/12/2008 | VP-117 394 12/13/2008 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | **5.4** | **5** | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | **89** | **61** | **110** | **210 D** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **7.4** |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | **94.4** | **66.0** | **110.0** | **217.4** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-117 414 12/15/2008 | VP-117 434 12/15/2008 | VP-117 454 12/16/2008 | VP-117 479 12/17/2008 | VP-117 499 12/17/2008 | VP-117 529 12/18/2008 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **190 D** | **74** | **91** | **39** | **95** | **130** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **7.9** | **5** | **6.2** | **6.8** | **9.8** | **6.3** |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **197.9** | **79.0** | **97.2** | **45.8** | **104.8** | **136.3** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-117 549 12/19/2008 | VP-117 569 12/19/2008 | VP-117 589 12/19/2008 | VP-117 614 12/22/2008 | VP-117 634 12/23/2008 | VP-117 649 12/23/2008 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 7 | < 7 | < 7 | < 7 | < 7 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **15** | **36** | **9.4** | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **15.0** | **36.0** | **9.4** | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-117 679 12/27/2008 | VP-117 714 1/7/2009 | VP-117 729 1/8/2009 | VP-117 764 1/12/2009 | VP-118 54 4/9/2009 | VP-118 104 4/9/2009 | VP-118 154 4/10/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 B | < 50 B | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 7 | < 5 | < 5 | < 5 | **0.38 J** | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 B |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | **0.4** | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-118 209 4/13/2009 | VP-118 (REP) 209 4/13/2009 | VP-118 259 4/13/2009 | VP-118 314 4/14/2009 | VP-118 339 4/15/2009 | VP-118 359 4/15/2009 | VP-118 384 4/15/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | **0.4 J** | < 5 | **1.2 J** | **0.93 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.32 J** | **0.4 J** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | **0.72 J** | < 5 | **1 J** | **1.6 J** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.63 J** |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | **0.56 J** | **0.55 J** |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.43 J** | **0.41 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | **0.81 J** | **0.38 J** | **1 J** | **1.7 J** |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | **0.94 J** | < 5 | **0.88 J** | **0.92 J** |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | **2.2 J** | **2.6 J** | < 5 | < 5 | **1 J** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | 34 | 79 | < 5 B | 62 | 130 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | **0.49 J** | **3.9 J** | **1.2 J** | 5.8 | 7.9 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | **36.7** | **88.4** | **1.6** | **73.2** | **146.0** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-118 409 4/16/2009 | VP-118 429 4/16/2009 | VP-118 454 4/17/2009 | VP-118 494 4/20/2009 | VP-118 (REP) 494 4/20/2009 | VP-118 514 4/22/2009 | VP-118 534 4/22/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **1.1 J** | **0.79 J** | **0.92 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | **0.41 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | **1.7 J** | **1.3 J** | **1.9 J** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 | **3.7** |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | B | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | **0.45 J** | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | **0.54 J** | **0.54 J** | **0.78 J** | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.5 J** | **0.42 J** | **0.66 J** | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **0.62 J** | **0.69 J** | **1.8 J** | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | **1.3 J** | **1.3 J** | **0.93 J** | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 B | < 5 | **1.1** | **0.79** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **15** | < 5 B | **89** | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | **7.1** | **5.6** | **8.4** | < 5 | < 5 | **0.76** | **0.76** |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **27.9** | **10.6** | **105.3** | 0 | 0 | **1.9** | **5.3** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-118 574 4/23/2009 | VP-118 614 4/24/2009 | VP-118 619 4/24/2009 | VP-118 639 4/27/2009 | VP-118 659 4/27/2009 | VP-118 679 4/28/2009 | VP-118 699 4/28/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | **1.3 J** | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | **0.31 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | **0.34 J** | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | **0.45 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **0.41 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 B | < 5 B | < 5 B | < 5 | **0.39 J** | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | **0.48 J** | < 5 | < 5 | **0.46 J** |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **0.4** | **2.1** | 0 | **0.8** | **0.4** | 0 | **0.5** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-118 729 4/29/2009 | VP-118 769 5/4/2009 | VP-118 794 5/5/2009 | VP-119 54 6/18/2009 | VP-119 104 6/18/2009 | VP-119 159 6/19/2009 | VP-119 209 6/22/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | **0.36 J** | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.9 J** |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 B |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.35 J** |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | **0.46 J** | < 5 | < 5 | **0.31 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.44 J** |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | **0.31 J** | **0.51 J** | **0.62 J** | **1.9 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | **1.1** | **0.5** | **0.6** | **3.9** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-119 259 6/22/2009 | VP-119 309 6/23/2009 | VP-119 359 6/23/2009 | VP-119 409 6/23/2009 | VP-119 429 6/25/2009 | VP-119 454 6/25/2009 | VP-119 484 6/26/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **110** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | **0.96 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | **4 J** | **1.8 J** | **0.9 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | **110** | **0.47 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | **0.58 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.49 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | **1.2 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **35** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | **1.5 J** | < 5 | **0.55 J** | **0.4 J** | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | **0.82 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | **8.2** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | **0.52 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | **273.3** | **2.3** | **1.5** | **0.4** | 0 | 0 | 0 |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-119 504 6/26/2009 | VP-119 524 6/26/2009 | VP-119 554 6/29/2009 | VP-119 569 6/30/2009 | VP-119 (REP) 569 6/30/2009 | VP-119 589 6/30/2009 |
|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 | < 50 B | < 50 B | < 50 B | **12 BJ** | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | **0.4 J** | **0.39 J** |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | 0 | 0 | 0 | **12.4** | **0.4** |

Notes and abbreviations on last page.

Table 4. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Study Area Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

| CONSTITUENT (ug/L) | Sample Location: / Sample Depth (ft bls): / Sample Date: | VP-119 649 7/2/2009 | VP-119 689 7/7/2009 | VP-119 709 7/7/2009 | VP-119 729 7/8/2009 | VP-119 774 7/9/2009 | VP-119 794 7/9/2009 | VP-119 804 7/10/2009 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B | < 50 B |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 B | < 5 | < 5 | < 5 | < 5 | < 5 B |
| Carbon tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 5 | **0.59 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | < 5 | < 5 B | < 5 B | < 5 | **0.54 J** | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | NE | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylene (total) | 10 | -- | -- | -- | -- | -- | -- | -- |
| **TVOC** | | 0 | **0.6** | 0 | 0 | **0.5** | 0 | 0 |

Notes and abbreviations on last page.

ARCADIS
Infrastructure, environment, buildings

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ENVIRONMENT

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation (NYSDEC)
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Subject:
Results of Third Quarter 2010 Groundwater Monitoring,
Operable Unit 2, Northrop Grumman Systems Corporation and Naval Weapons Industrial Reserve Plant (NWIRP) Sites, Bethpage, New York.
(NYSDEC Site #s 1-30-003A and B)

Date:
November 9, 2010

Contact:
David Stern

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Our ref:
NY001496.0410.0004

Dear Mr. Scharf:

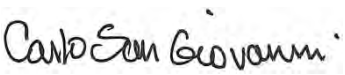
On behalf of Northrop Grumman Systems Corporation (Northrop Grumman), ARCADIS is providing the NYSDEC with the validated results of Operable Unit 2 (OU2) groundwater monitoring, performed in accordance with the approved groundwater monitoring plan (ARCADIS G&M, Inc. 2006) and the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003) for the Third Quarter of 2010. Table 1 provides OU2 remedial system performance operational data and water balance. Tables 2, 3 and 4 provide the validated analytical results of monitoring for this period. Figure 1 shows the site plan with well locations.

Please contact us if you have any questions or comments.

Sincerely,

ARCADIS of New York, Inc.

David E. Stern
Senior Hydrogeologist



Carlo San Giovanni
Project Manager

Enclosures

Copies:
See Attached Distribution List

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | FW-03 FW-03 8/6/2010 | HN-24I HN-24I 8/6/2010 | HN-40I HN-40I 7/15/2010 | HN-40S HN-40S 7/15/2010 | HN-42I HN-42I 7/15/2010 | HN-42S HN-42S 7/15/2010 | N-10624 N-10624 8/10/2010 | N-10627 N-10627 8/10/2010 | N-10631 N-10631 8/10/2010 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | **0.36 J** | **3.3 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | < 5 | **0.33 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | < 5 | **3.7 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | < 5 | **17** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | | < 50 | < 50 B | < 50 | < 50 | < 50 | < 50 | **1.1 J** | < 50 B | < 50 B |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | **0.54 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 5 | **3.3 J** | < 5 | **0.5 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | **0.54 J** | **1.8 J** | < 5 | < 5 | **2.2 J** | < 5 | < 5 | < 5 | **0.44 J** |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | **2.3 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | **24** | **45** | **1.9 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | **2.3 J** | **32** | **1.2 J** | < 5 | **7.3** | < 5 | < 5 | **0.7 J** | **0.74 J** |
| Trichlorotrifluoroethane (Freon 113) | | < 5 | **2.7 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| | **Total VOC** | **27.2** | **111.97** | **3.1** | **0.5** | **9.5** | 0 | **1.1** | **0.7** | **1.18** |

**Bold** Constituent detected
VOCs Volatile Organic Compounds
ug/L Micrograms per liter
J Constituent value is estimated
B Constituent also identified in an associated blank
D Constituent identified at a secondary dilution
REP Replicate Sample

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-13D GM-13D 8/4/2010 | GM-15S GM-15S 7/28/2010 | GM-15I GM-15I 7/28/2010 | GM-15D GM-15D 7/13/2010 | GM-15D2 GM-15D2 7/13/2010 | GM-17I GM-17I 7/29/2010 | GM-17D GM-17D 7/29/2010 | GM-18I GM-18I 8/11/2010 | GM-18D GM-18D 7/30/2010 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | **3.8 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | **6.2 J** | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | | **13** | < 5 | < 5 | < 5 | **1.1 J** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | < 100 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | | < 100 | < 50 | < 50 B | < 50 | < 50 | < 50 | < 50 B | < 50 | < 50 |
| Benzene | | < 1.4 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | **2.8 J** | < 5 | < 5 | < 5 | **1.2 J** | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 10 | < 5 | < 5 | **0.33 J** | **0.33 J** | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | **26** | < 5 | < 5 | < 5 | **0.39 J** | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | **220** | < 5 | < 5 | **0.5 J** | **9.3** | < 5 | < 5 | < 5 | < 5 |
| Toluene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | **80** | **2.6 J** | **3.1 J** | **0.76 J** | **10** | < 5 | **0.44 J** | **0.43 J** | **2 J** |
| Trichlorotrifluoroethane (Freon 113) | | **3.5 J** | < 5 | < 5 | < 5 | **1.3 J** | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | | < 4 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | < 10 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| | **Total VOC** | **355.3** | **2.6** | **3.1** | **1.59** | **23.62** | 0 | **0.44** | **0.43** | **2** |

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also identified in an associated blank |
| D | Constituent identified at a secondary dilution |
| REP | Replicate Sample |

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-20I GM-20I 8/6/2010 | GM-20D GM-20D 8/9/2010 | GM-21I GM-21I 8/5/2010 | GM-21S GM-21S 8/5/2010 | GM-21D GM-21D 8/4/2010 | GM-33D2 GM-33D2 8/11/2010 | GM-34D GM-34D 7/19/2010 | GM-34D2 GM-34D2 7/19/2010 | GM-35D2 GM-35D2 8/12/2010 | GM-38D GM-38D 9/21/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | **1.6 J** |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| 1,1,2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| 1,1-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.9 J** | < 13 | < 5 | **2.6 J** |
| 1,1-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **5.9 J** | **1.9 J** | **0.39 J** | **2.7 J** |
| 1,2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 | < 50 | < 250 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 | < 50 | < 250 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 | < 50 | < 250 |
| Acetone | | < 50 | < 50 B | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 | < 50 | < 250 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 1.8 | < 1.8 | < 0.7 | < 3.5 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Chlorodifluoromethane (Freon 22) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | **0.88 J** | < 13 | **0.35 J** | < 25 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| cis-1,2-dichloroethene | | < 5 | < 5 | **0.38 J** | < 5 | < 5 | **0.54 J** | **8 J** | **7 J** | **0.98 J** | < 25 |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | **1.9 J** |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Tetrachloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | **7.9** | **6.9 J** | **12 J** | **8.1** | **13 J** |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Trichloroethylene | | < 5 | < 5 | < 5 | < 5 | **1.2 J** | **42** | **400** | **300** | **160** | **520** |
| Trichlorotrifluoroethane (Freon 113) | | < 5 | < 5 | < 5 | < 5 | < 5 | **15** | **8.9 J** | **4 J** | **2.4 J** | **1.8 J** |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 5 | < 5 | < 2 | < 10 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 | < 5 | < 25 |
| | **Total VOC** | 0 | 0 | **0.38** | 0 | **1.2** | **65.44** | **431.48** | **324.9** | **172.22** | **543.6** |

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also identified in an associated blank |
| D | Constituent identified at a secondary dilution |
| REP | Replicate Sample |

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-38D2 GM-38D2 9/21/2010 | GM-39D$_A$ GM-39DA 7/30/2010 | GM-39D$_B$ GM-39DB 7/30/2010 | GM-73D GM-73D 8/3/2010 | GM-73D2 GM-73D2 8/3/2010 | GM-73D2 (Rep) GM-73D 8/3/2010 | GM-74D GM-74D 7/14/2010 | GM-74D2 GM-74D2 7/14/2010 | GM-75D2 GM-75D2 8/10/2010 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | **1.1 J** | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| 1,1,2-Trichloroethane | | **0.55 J** | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| 1,1-Dichloroethane | | **0.64 J** | < 5 | < 5 | < 5 | **0.35 J** | **0.37 J** | < 5 J | **0.52 J** | < 5 |
| 1,1-Dichloroethene | | < 5 | < 5 | < 5 | < 5 | **0.77 J** | **0.83 J** | < 5 J | **0.56 J** | **2 J** |
| 1,2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 U | < 50 J | < 50 | < 50 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 U | < 50 J | < 50 | < 50 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 U | < 50 J | < 50 | < 50 |
| Acetone | | **1.6 J** | **0.9 J** | **1 J** | < 50 B | < 50 | < 50 UB | < 50 J | < 50 | < 50 B |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 U | < 0.7 J | < 0.7 | < 0.7 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | **0.55 J** | < 5 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Chloroform | | **4.6 J** | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| cis-1,2-dichloroethene | | **0.59 J** | < 5 | < 5 | < 5 | **0.49 J** | **0.4 J** | < 5 J | < 5 | **0.45 J** |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Tetrachloroethene | | < 5 | < 5 | **0.48 J** | < 5 | **0.99 J** | **0.89 J** | **0.47 J** | **5.5** | **2.7 J** |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Trichloroethylene | | **52** | **5.5** | **66** | **5.6** | **53** | **52** | **2.3 J** | **6.6** | **120** |
| Trichlorotrifluoroethane (Freon 113) | | **2 J** | < 5 | < 5 | < 5 | < 5 | < 5 U | **0.3 j** | **0.74 J** | **1.4 J** |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 U | < 2 J | < 2 | < 2 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 U | < 5 J | < 5 | < 5 |
| | **Total VOC** | **63.08** | **6.4** | **67.48** | **5.6** | **55.6** | **54.49** | **3.07** | **14.47** | **126.55** |

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also identified in an associated blank |
| D | Constituent identified at a secondary dilution |
| REP | Replicate Sample |

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-78S / GM-78S / 7/16/2010 | GM-78I / GM-78I / 7/16/2010 | GM-79I / GM-79I / 7/16/2010 | GM-79D / GM-79D / 7/16/2010 | GM-79D (REP) / GM-79D / 7/16/2010 | WELL 1 / WELL 1 / 8/30/2010 | WELL 3 / WELL 3 / 8/30/2010 | 96 EFFLUENT / 96 EFF. / 8/30/2010 |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | **1.6 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| 1,1,2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| 1,1-Dichloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | **1 J** | **2.1 J** | < 5 |
| 1,1-Dichloroethene | | < 5 | < 5 | < 5 | < 5 J | **0.33 J** | **2.3 J** | **7.5 J** | < 5 |
| 1,2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | **5.1 J** | < 25 | < 5 |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 J | < 50 U | < 130 | < 250 | < 50 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 J | < 50 U | < 130 | < 250 | < 50 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 J | < 50 U | < 130 | < 250 | < 50 |
| Acetone | | < 50 | < 50 | < 50 | < 50 J | < 50 U | **2.3 J** | **4.9 J** | < 50 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 J | < 0.7 U | < 1.8 | < 3.5 | < 0.7 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Chlorodifluoromethane (Freon 22) | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | **16 J** | < 5 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| cis-1,2-dichloroethene | | < 5 | < 5 | < 5 | **0.39 J** | **0.38 J** | **4.3 J** | **24 J** | < 5 |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Tetrachloroethene | | < 5 | < 5 | < 5 | **0.79 J** | **0.77 J** | **67** | **93** | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Trichloroethylene | | **0.33 J** | < 5 | < 5 | **35** | **35** | **370** | **660** | **0.46 J** |
| Trichlorotrifluoroethane (Freon 113) | | < 5 | < 5 | < 5 | **0.65 J** | **0.58 J** | **4.3 J** | **5 J** | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 J | < 2 U | < 5 | **550** | < 2 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 J | < 5 U | < 13 | < 25 | < 5 |
| | **Total VOC** | **0.33** | 0 | 0 | **36.83** | **37.06** | **456.3** | **1364.1** | **0.46** |

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also identified in an associated blank |
| D | Constituent identified at a secondary dilution |
| REP | Replicate Sample |

Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | WELL 17 / WELL 17 / 8/30/2010 | WELL 18 / WELL 18 / 8/30/2010 | WELL 19 / WELL 19 / 8/30/2010 | 102 EFFLUENT / 102 EFF. / 8/30/2010 |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | **0.56 J** | **1.2 J** | **0.64 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | **1.1 J** | **1.1 J** | **0.91 J** | < 5 |
| 1,1-Dichloroethene | | **2.3 J** | **4.2 J** | **1.3 J** | < 5 |
| 1,2-Dichloroethane | | < 5 | < 5 | **0.57 J** | < 5 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 |
| Acetone | | < 50 | < 50 | < 50 | < 50 |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | < 5 | **0.33 J** | **0.46 J** | < 5 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 |
| Chloroform | | < 5 | < 5 | **0.58 J** | < 5 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | **4.2 J** | **1.8 J** | **19** | < 5 |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12 | | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 |
| Styrene | | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | **26** | **11** | **7** | < 5 |
| Toluene | | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | | **200 D** | **84** | **190 J** | < 5 |
| Trichlorotrifluoroethane (Freon 113 | | **7.4** | **1.6 J** | **0.74 J** | < 5 |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 |
| | **Total VOC** | **241.56** | **105.23** | **221.2** | 0 |

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also identified in an associated blank |
| D | Constituent identified at a secondary dilution |
| REP | Replicate Sample |

Table 3. Concentrations of Metals in Monitoring Wells and Groundwater Remedial Wells,
Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in mg/L) | Well: / Sample ID: / Date: | GM-15S GM-15S 7/28/2010 | GM-78I GM-78I 7/16/2010 | GM-78S GM-78S 7/16/2010 | MW-01GF MW-01GF 8/12/2010 | MW-02GF MW-02GF 8/12/2010 | N-10631 N-10631 8/10/2010 | PT1 MW-04 PT1 MW-04 7/28/2010 | PT1 MW-05 PT1 MW-05 7/28/2010 | PT1 MW-06 PT1 MW-06 7/28/2010 |
|---|---|---|---|---|---|---|---|---|---|---|
| Cadmium | | -- | < 5 | < 5 | < 5 | < 5 | **5.1** | -- | -- | -- |
| Cadmium (Dissolved) | | -- | < 5 | < 5 | < 5 | < 5 | < 5 | -- | -- | -- |
| Chromium | | **875** | < 10 | < 10 | < 10 | < 10 | **27** | < 10 | **667** | **220** |
| Chromium (Dissolved) | | **850** | < 10 | < 10 | < 10 | < 10 | **13** | -- | -- | -- |

**Bold** Constituent detected
mg/L Milligrams per liter
-- Not analyzed

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Table 4. Concentrations of Site-Related Volatile Organic Compounds Detected in Outpost Wells, Third Quarter 2010, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| | Well: | BPOW 1-1 [3] | BPOW 1-2 [3] | BPOW 1-3 [3] | BPOW 3-1 | BPOW 3-2 | BPOW 4-1 | BPOW 4-2 |
|---|---|---|---|---|---|---|---|---|
| **CONSTITUENT** | **Sample ID:** | BPOW 1-1 | BPOW 1-2 | BPOW 1-3 | BPOW 3-1 | BPOW 3-2 | BPOW 4-1 | BPOW 4-2 |
| **(Units in ug/L)** | **Date:** | 7/20/2010 | 7/20/2010 | 7/20/2010 | 7/21/2010 | 7/21/2010 | 7/22/2010 | 7/22/2010 |
| 1,1,1-Trichloroethane | | **0.27 J** | < 0.5 U | **2.9** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| 1,1,2,2-Tetrachloroethane | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| 1,1,2-Trichloroethane | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| 1,1-Dichloroethane | | < 0.5 U | < 0.5 U | **1.2** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| 1,1-Dichloroethene | | < 0.5 U | < 0.5 U | **2.3** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| 1,2-Dichloroethane | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Carbon Tetrachloride | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Chlorobenzene | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Chloroform | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| cis-1,2-Dichloroethene | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| Trichlorotrifluoroethane (Freon 113) | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | **0.55** | **0.21 J** |
| Tetrachloroethene | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| trans-1,2-Dichloroethene | | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| | | **0.86** | < 0.5 U | **1.1** | < 0.5 U | < 0.5 U | < 0.5 U | < 0.5 U |
| **Total Site-Related VOCs [1] :** | | **1.13** | 0 | **7.5** | 0 | 0 | **0.55** | **0.21** |
| **TVOC Trigger Value [2] :** | | **0.6** | **0.6** | **0.6** | **1.5** | **1.5** | **1.5** | **1.5** |

Note: Outpost wells OW2-1 and OW2-2 were not sampled by Northrop Grumman this round, due to ongoing Navy activities related to detection of non-site related VOCs (benzene and methyl tertiary butyl ether) detected in these wells.

(1) Site-related VOCs were established in the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003).

(2) TVOC Trigger Values were established in the PWSCP (ARCADIS G&M, Inc. 2003).

(3) The TVOC Trigger Value for Cluster 1 was initially exceeded on April 23, 2004; confirmatory sampling and reporting was conducted as per the 2003). PWSCP (ARCADIS G&M, Inc.)

ug/L Micrograms per liter

**Bold** Constituent detected

TVOC Total Volatile Organic Compounds

ARCADIS
Infrastructure, environment, buildings

ARCADIS of New York, Inc.
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New York 11747
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Fax 631.249.7610
**www.arcadis-us.com**

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

ENVIRONMENT

Subject:
Results of Third Quarter 2011 Groundwater Monitoring,
Operable Unit 2, Northrop Grumman Systems Corporation and Naval Weapons Industrial Reserve Plant (NWIRP) Sites, Bethpage, New York.
(NYSDEC Site #s 1-30-003A and B)

Date:
November 21, 2011

Dear Mr. Scharf:

On behalf of Northrop Grumman Systems Corporation (Northrop Grumman), ARCADIS is providing the NYSDEC with the validated results of Operable Unit 2 (OU2) groundwater monitoring, performed in accordance with the approved groundwater monitoring plan (ARCADIS G&M, Inc. 2006) and the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003). Table 1 provides OU2 remedial system performance operational data and water balance. Tables 2 and 3 provide the validated analytical results of monitoring for this period. Figure 1 shows the site plan with well locations.

Please contact us if you have any questions or comments.

Sincerely,

ARCADIS of New York, Inc.

Contact:
David Stern

Phone:
631-391-5284

Email:
david.stern@arcadis-us.co

Our ref:
NY001496.0311.GWMI4

David E. Stern
Senior Hydrogeologist

Carlo San Giovanni
Project Manager

Enclosures

Imagine the result

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Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-20I / GM-20I / 8/11/2011 | GM-20D[(1)] / GM-20D / 8/8/2011 | GM-21I / GM-21I / 7/26/2011 | GM-21D / GM-21D / 7/27/2011 | GM-33D2 / GM-33D2 / 7/27/2011 | GM-34D / GM-34D / 7/25/2011 | GM-34D2 / GM-34D2 / 7/25/2011 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| 1,1,2-Trichloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| 1,1-Dichloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | **0.88 J** | < 10 |
| 1,1-Dichloroethene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | **5.2 J** | **1.7 J** |
| 1,2-Dichloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| 1,2-Dichloropropane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| 2-Butanone | | < 50 | -- | < 50 | < 50 | < 50 | < 130 | < 100 |
| 2-Hexanone | | < 50 | -- | < 50 | < 50 | < 50 | < 130 | < 100 |
| 4-methyl-2-pentanone | | < 50 | -- | < 50 | < 50 | < 50 | < 130 | < 100 |
| Acetone | | < 50 B | -- | < 50 | < 50 | < 50 | < 130 | **2.7 J** |
| Benzene | | < 0.7 | < 0.5 | < 0.7 | < 0.7 | < 0.7 | < 1.8 | < 1.4 |
| Bromodichloromethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Bromoform | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Bromomethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Carbon Disulfide | | < 5 | -- | < 5 | < 5 | < 5 | < 13 | < 10 |
| Carbon tetrachloride | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Chlorobenzene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Chlorodifluoromethane (Freon 22) | | < 5 | -- | < 5 | < 5 | < 5 | < 13 | **0.62 J** |
| Chloroethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Chloroform | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Chloromethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| cis-1,2-dichloroethene | | < 5 | < 0.5 | < 5 | < 5 | **0.42 J** | **7.4 J** | **5 J** |
| cis-1,3-dichloropropene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Dibromochloromethane | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Ethylbenzene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Methylene Chloride | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Styrene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Tetrachloroethene | | < 5 | < 0.5 | < 5 | < 5 | **6** | **5.2 J** | **8.8 J** |
| Toluene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| trans-1,2-dichloroethene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| trans-1,3-dichloropropene | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Trichloroethylene | | < 5 | < 0.5 | < 5 | **0.5 J** | **34** | **360** | **240** |
| Trichlorotrifluoroethane (Freon 113) | | < 5 | < 0.5 | < 5 | < 5 | **6.6** | **7.9 J** | **2.3 J** |
| Vinyl Chloride | | < 2 | < 0.5 | < 2 | < 2 | < 2 | < 5 | < 4 |
| Xylene-o | | < 5 | < 0.5 | < 5 | < 5 | < 5 | < 13 | < 10 |
| Xylenes - m,p | | < 5 | < 1 | < 5 | < 5 | < 5 | < 13 | < 10 |
| | **Total VOCs** | 0 | 0 | 0 | **0.5** | **47** | **390** | **260** |

**Note:** Results rounded to two significant figures.

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also detected in an associated blank |
| REP | Replicate Sample |
| (1) | GM-20D analyzed using USEPA Method 524.2 |
| USEPA | United States Environmental Protection Agency |

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Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | GM-35D2 GM-35D2 7/29/2011 | GM-75D2 GM-75D2 7/27/2011 | GM-75D2 GM-75D2 (REP) 7/27/2011 | GM-79I GM-79I 7/26/2011 | GM-79D GM-79D 7/26/2011 | WELL 1 WELL 1 8/8/2011 | WELL 1 WELL 1 (REP) 8/8/2011 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | **0.7 J** | **0.68 J** |
| 1,1,2,2-Tetrachloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| 1,1,2-Trichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| 1,1-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | **0.9 J** | **0.95 J** |
| 1,1-Dichloroethene | | **0.5 J** | **0.68 J** | **0.56 J** | < 5 | < 5 | **2.5 J** | **3.4 J** |
| 1,2-Dichloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| 1,2-Dichloropropane | | < 5 | < 5 | < 5 | < 5 | < 5 | **5.6 J** | **5.7 J** |
| 2-Butanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 |
| 2-Hexanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 |
| 4-methyl-2-pentanone | | < 50 | < 50 | < 50 | < 50 | < 50 | < 130 | < 130 |
| Acetone | | **0.92 BJ** | < 50 | **1.3 J** | **0.87 J** | **0.9 J** | **2.3 J** | < 130 B |
| Benzene | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 1.8 | < 1.8 |
| Bromodichloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Bromoform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Bromomethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Carbon Disulfide | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Carbon tetrachloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Chlorobenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Chlorodifluoromethane (Freon 22) | | **0.51 J** | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Chloroethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Chloroform | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Chloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| cis-1,2-dichloroethene | | **1.1 J** | **0.3 J** | < 5 | < 5 | **0.3 J** | **4.2 J** | **4 J** |
| cis-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Dibromochloromethane | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Dichlorodifluoromethane (Freon 12) | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Ethylbenzene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Methylene Chloride | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Styrene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Tetrachloroethene | | **7.7** | **2.5 J** | **2.4 J** | < 5 | **0.51 J** | **59** | **63** |
| Toluene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| trans-1,2-dichloroethene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| trans-1,3-dichloropropene | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Trichloroethylene | | **130** | **67** | **69** | < 5 | **26** | **430** | **450** |
| Trichlorotrifluoroethane (Freon 113) | | **2.4 J** | **0.9 J** | **1 J** | < 5 | **0.38 J** | **4.4 J** | **3.7 J** |
| Vinyl Chloride | | < 2 | < 2 | < 2 | < 2 | < 2 | < 5 | < 5 |
| Xylene-o | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| Xylenes - m,p | | < 5 | < 5 | < 5 | < 5 | < 5 | < 13 | < 13 |
| | **Total VOCs** | **140** | **71** | **74** | **0.87** | **28** | **510** | **530** |

**Note:** Results rounded to two significant figures.

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also detected in an associated blank |
| REP | Replicate Sample |
| (1) | GM-20D analyzed using USEPA Method 524.2 |
| USEPA | United States Environmental Protection Agency |

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Table 2. Concentrations of Volatile Organic Compounds Detected in Monitoring Wells and Groundwater Remedial Wells, Third Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | WELL 3 / WELL 3 / 8/8/2011 | 96 EFFLUENT / 96 EFFLUENT / 8/8/2011 | WELL 17 / WELL 17 / 8/8/2011 | WELL 18 / WELL 18 / 8/8/2011 | WELL 19 / WELL 19 / 8/8/2011 | 102 EFFLUENT / 102 EFFLUENT / 8/8/2011 |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | < 100 | < 5 | **0.78 J** | **1.3 J** | **0.69 J** | < 5 |
| 1,1,2,2-Tetrachloroethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | | < 100 | < 5 | **1.4 J** | **1.2 J** | **0.97 J** | < 5 |
| 1,1-Dichloroethene | | **11 J** | < 5 | **2.6 J** | **4.4 J** | **1.6 J** | < 5 |
| 1,2-Dichloroethane | | < 100 | < 5 | < 10 | < 5 | **0.63 J** | < 5 |
| 1,2-Dichloropropane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| 2-Butanone | | < 1000 | < 50 | < 100 | < 50 | < 50 | < 50 |
| 2-Hexanone | | < 1000 | < 50 | < 100 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone | | < 1000 | < 50 | < 100 | < 50 | < 50 | < 50 |
| Acetone | | **18 J** | **1.2 J** | < 100 B | < 50 | < 50 | < 50 |
| Benzene | | < 14 | < 0.7 | < 1.4 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Bromoform | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Bromomethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Carbon Disulfide | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Chlorobenzene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | | < 100 | < 5 | < 10 | **0.37 J** | **0.48 J** | < 5 |
| Chloroethane | | **6.8 J** | < 5 | < 10 | < 5 | < 5 | < 5 |
| Chloroform | | < 100 | < 5 | < 10 | **0.32 J** | **0.61 J** | < 5 |
| Chloromethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | | **15 J** | < 5 | **5.1 J** | **1.8 J** | **23** | < 5 |
| cis-1,3-dichloropropene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Dibromochloromethane | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Ethylbenzene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Methylene Chloride | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Styrene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Tetrachloroethene | | **72 J** | < 5 | **30** | **13** | **7.4** | < 5 |
| Toluene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Trichloroethylene | | **2,100** | **0.5 J** | **260** | **77** | **200** | < 5 |
| Trichlorotrifluoroethane (Freon 113) | | **11 J** | < 5 | **6.2 J** | **1.6 J** | **0.9 J** | < 5 |
| Vinyl Chloride | | **190** | < 2 | < 4 | < 2 | < 2 | < 2 |
| Xylene-o | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| Xylenes - m,p | | < 100 | < 5 | < 10 | < 5 | < 5 | < 5 |
| | **Total VOCs** | **2400** | **1.7** | **300** | **101** | **240** | 0 |

**Note:** Results rounded to two significant figures.

| | |
|---|---|
| **Bold** | Constituent detected |
| VOCs | Volatile Organic Compounds |
| ug/L | Micrograms per liter |
| J | Constituent value is estimated |
| B | Constituent also detected in an associated blank |
| REP | Replicate Sample |
| (1) | GM-20D analyzed using USEPA Method 524.2 |
| USEPA | United States Environmental Protection Agency |

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Table 3. Concentrations of Site-Related Volatile Organic Compounds Detected in Outpost Wells, Third Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | Well: / Sample ID: / Date: | BPOW 1-1 [3] / BPOW 1-1 / 8/5/2011 | BPOW 1-2 [3] / BPOW 1-2 / 8/5/2011 | BPOW 1-3 [3] / BPOW 1-3 / 8/5/2011 | BPOW 2-1 [4] / BPOW 2-1 / 8/3/2011 | BPOW 2-2 / BPOW 2-2 / 8/2/2011 | BPOW 3-1 / BPOW 3-1 / 8/2/2011 | BPOW 3-2 / BPOW 3-2 / 8/1/2011 | BPOW 4-1 / BPOW 4-1 / 8/4/2011 | BPOW 4-2 / BPOW 4-2 / 8/4/2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | **0.4 J** | **0.46 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2,2-Tetrachloroethane | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2-Trichloroethane | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1-Dichloroethane | | < 0.5 | **0.22 J** | < 0.5 | < 0.5 | **0.76** | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1-Dichloroethene | | **0.24 J** | **0.28 J** | < 0.5 | < 0.5 | **0.34 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,2-Dichloroethane | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Carbon Tetrachloride | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chlorobenzene | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chloroform | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| cis-1,2-Dichloroethene | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Trichlorotrifluoroethane (Freon 113) | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **1.1** | **0.36 J** |
| Tetrachloroethene | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| trans-1,2-Dichloroethene | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Trichloroethene | | **0.94** | **0.38 J** | < 0.5 | < 0.5 | **0.77** | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| **Total Site-Related VOCs [1] :** | | **1.6** | **1.3** | 0 | 0 | **1.9** | 0 | 0 | **1.1** | **0.36** |
| **TVOC Trigger Value [2] :** | | **0.60** | **0.60** | **0.60** | **NE** | **NE** | **1.5** | **1.5** | **1.5** | **1.5** |

Notes:

(1) Site-related VOCs were established in the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003). Results adjusted to two signficant figures.

(2) TVOC Trigger Values were established in the PWSCP (ARCADIS G&M, Inc. 2003).

(3) The TVOC Trigger Value for Cluster 1 was initially exceeded on April 23, 2004; confirmatory sampling and reporting was conducted as per the PWSCP (ARCADIS G&M, Inc. 2003).

(4) Benzene, which is not a site-related VOC, was detected in Outpost Well OW 2-1 at 0.21 ug/L.

NE Not established

ug/L Micrograms per liter

**Bold** Constituent detected

TVOC Total Volatile Organic Compounds

ARCADIS
Infrastructure, environment, buildings

Imagine the result

# 2011 Annual Groundwater Monitoring Report

Operable Unit 2
Northrop Grumman Systems Corporation
Bethpage, New York
NYSDEC Site #s 1-30-0003A & B

April 11, 2012

Table 4. Concentration of Volatile Organic Compounds Detected in Shallow Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | N-10631 | FW-03 | HN-40S | HN-42S | GM-15S |
|---|---|---|---|---|---|---|---|
| | | Sample ID: | N-10631 | FW-03 | HN-40S | HN-42S | GM-15S |
| | | Date: | 12/27/2011 | 12/28/2011 | 12/19/2011 | 12/20/2011 | 12/9/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | **0.3 J** | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | **0.21 J** | **0.33 J** | < 5 | < 5 | **0.35 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | **52** | < 5 | < 5 | **0.22 J** |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | **0.49 J** | **3.2 J** | < 5 | < 5 | **4.2 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | **0.7** | **56** | 0 | 0 | **4.8** |

See last page for notes.

Table 4. Concentration of Volatile Organic Compounds Detected in Shallow Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | GM-21S | GM-78S |
|---|---|---|---|---|
| | | Sample ID: | GM-21S | GM-78S |
| | | Date: | 12/28/2011 | 12/9/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 |
| Chloroform | 7 | | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | < 5 |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | < 5 |
| Toluene | 5 | | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 |
| Trichloroethylene | 5 | | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 |
| **Total VOCs** | | | 0 | 0 |

**Notes:**

[1] Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.

Results rounded to two significant figures.

**Bold value indicates a detection.**

Constituent exceeds SCG value

NYSDEC New York State Department of Environmental Conservation
TOGs Technical and Operational Guidance Series
ug/L Micrograms per liter
VOCs Volatile Organic Compounds
J Value is estimated

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Table 5. Concentration of Volatile Organic Compounds Detected in Intermediate Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | N-10624 | HN-24I | HN-40I | HN-42I | GM-17I | GM-18I |
|---|---|---|---|---|---|---|---|---|
| | | Sample ID: | N-10624 | HN-24I | HN-40I | HN-42I | GM-17I | GM-18I |
| | | Date: | 12/23/2011 | 12/28/2011 | 12/19/2011 | 12/17/2011 | 12/21/2011 | 12/28/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | **2.9 J** | **1.4 J** | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | **0.29 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | **3.9 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | < 5 | **18** | **0.38 J** | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 B | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | **0.67 J** | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | < 5 | **2.6 J** | **1.1 J** | < 5 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | **1.4 J** | **0.21 J** | **1.9 J** | < 5 | < 5 |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | **55** | **0.7 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | < 5 | **28** | **8.7** | **4.3 J** | < 5 | **0.35 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | **1.6 J** | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | 0 | **110** | **12** | **6.2** | 0 | **0.35** |

See last page for notes.

Table 5. Concentration of Volatile Organic Compounds Detected in Intermediate Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: / Sample ID: / Date: | GM-20I GM-20I 12/14/2011 | GM-21I GM-21I 12/13/2011 | GM-74I GM-74I 12/16/2011 | GM-78I GM-78I 12/9/2011 | GM-79I GM-79I 12/26/2011 |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | < 5 | **0.35 J** | **0.28 J** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | 0 | **0.35** | **0.28** | 0 | 0 |

**Notes:**

[1] Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.

GM-15I was not accessible for sampling this round.

Results rounded to two significant figures.

**Bold value indicates a detection**

Constituent exceeds SCG value

NYSDEC New York State Department of Environmental Conservation
TOGs Technical and Operational Guidance Series
ug/L Micrograms per liter
VOCs Volatile Organic Compounds

Table 6. Concentration of Volatile Organic Compounds Detected in Deep Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | N-10627 | GM-13D | GM-15D | GM-17D | GM-18D | GM-20D |
|---|---|---|---|---|---|---|---|---|
| | | Sample ID: | N-10627 | GM-13D | GM-15D | GM-17D | GM-18D | GM-20D |
| | | Date: | 12/23/2011 | 12/15/2011 | 12/10/2011 | 12/21/2011 | 12/22/2011 | 12/14/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | **3 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | **5.8** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | < 5 | **14** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | **0.27 J** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | < 5 | **0.41 J** | **0.2 J** | < 5 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | **25** | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | **0.2 J** | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | **200 D** | **0.34 J** | < 5 | < 5 | < 5 |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | **0.72 J** | **75** | **0.31 J** | **0.36 J** | **0.83 J** | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | **3.1 J** | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | **0.72** | **330** | **0.85** | **0.36** | **0.83** | 0 |

See last page for notes.

Table 6. Concentration of Volatile Organic Compounds Detected in Deep Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | GM-21D | GM-34D | GM-36D | GM-37D |
|---|---|---|---|---|---|---|
| | | Sample ID: | GM-21D | GM-34D | GM-36D | GM-37D |
| | | Date: | 12/12/2011 | 12/20/2011 | 12/24/2011 | 12/23/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | < 5 | **1.1 J** | < 5 | **0.41 J** |
| 1,1-Dichloroethene | 5 | | < 5 | **5.6 J** | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 13 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 130 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 130 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 130 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 130 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 1.8 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 13 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 13 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 13 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 13 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 13 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| Chloroform | 7 | | < 5 | < 13 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | **9.6 J** | < 5 | < 5 |
| cis-1,3-dichloropropene | 5 | | < 5 | < 13 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 13 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 13 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 13 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 13 | < 5 | < 5 |
| Tetrachloroethene | 5 | | < 5 | **6 J** | < 5 | **0.39 J** |
| Toluene | 5 | | < 5 | < 13 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 13 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 13 | < 5 | < 5 |
| Trichloroethylene | 5 | | **0.43 J** | **390** | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | **8.2 J** | < 5 | < 5 |
| Vinyl Chloride | 2 | | < 2 U | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 13 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 13 | < 5 | < 5 |
| **Total VOCs** | | | **0.43** | **420** | 0 | **0.8** |

See last page for notes.

Table 6. Concentration of Volatile Organic Compounds Detected in Deep Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: / Sample ID: / Date: | GM-38D GM-38D 12/22/2011 | GM-39D$_A$ GM-39DA 12/15/2011 | GM-39D$_B$ GM-39D GM-39D | GM-73D GM-73D 12/17/2011 | GM-74D GM-74D 12/16/2011 | GM-79D GM-79D 12/26/2011 |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | **1.6 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | **0.61 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | **2.3 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | | **4 J** | < 5 | < 5 | **0.23 J** | < 5 | < 5 |
| 1,2-Dichloroethane | 5 | | **2.4 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | **0.42 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | **0.76 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | **1.8 J** | < 5 | **0.36 J** | **0.33 J** | < 5 | **0.31 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | **0.29 J** | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | **9.2** | < 5 | **0.5 J** | **0.35 J** | **0.48 J** | **0.62 J** |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | **490 D** | **0.69 J** | **62** | **59** | **1.7 J** | **26** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | **2.3 J** | < 5 | **0.32 J** | < 5 | **0.26 J** | **0.27 J** |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | **520** | **0.69** | **63** | **60** | **2.4** | **27** |

**Notes:**

[1] Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.

**Bold value indicates a detection**

Results rounded to two significant figures.

Constituent exceeds SCG value

NYSDEC New York State Department of Environmental Conservation
TOGs Technical and Operational Guidance Series
ug/L Micrograms per liter
VOCs Volatile Organic Compounds
J Value is estimated
D Value is from secondary dilution

Table 7. Concentration of Volatile Organic Compounds Detected in Deep2 Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | GM-15D2 | GM-33D2 | GM-34D2 | GM-35D2 | GM-36D2 |
|---|---|---|---|---|---|---|---|
| | | Sample ID: | GM-15D2 | GM-33D2 | GM-34D2 | GM-35D2 | GM-36D2 |
| | | Date: | 12/10/2011 | 12/27/2011 | 12/20/2011 | 12/29/2011 | 12/24/2011 |
| 1,1,1-Trichloroethane | 5 | | < 5 | < 5 | < 10 | < 5 | **0.27 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | **0.26 J** | < 5 | < 10 | < 5 | **0.31 J** |
| 1,1-Dichloroethene | 5 | | **0.92 J** | < 5 | **1.4 J** | **0.35 J** | **0.41 J** |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 100 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 100 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 100 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 100 B | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 1.4 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Chloroform | 7 | | **0.28 J** | < 5 | **0.46 J** | < 5 | **0.23 J** |
| Chloromethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | **0.41 J** | **0.24 J** | **4.5 J** | **0.65 J** | **0.22 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Tetrachloroethene | 5 | | **7.8** | **4.6 J** | **12** | **7.4** | < 5 |
| Toluene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Trichloroethylene | 5 | | **9.6** | **32** | **280** | **110** | **1.1 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | **1.1 J** | **3.9 J** | **2.2 J** | **1.5 J** | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 4 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 10 | < 5 | < 5 |
| **Total VOCs** | | | **20** | **41** | **300** | **120** | **2.5** |

See last page for notes.

Table 7. Concentration of Volatile Organic Compounds Detected in Deep2 Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | GM-37D2 | GM-38D2 | GM-70D2 | GM-70D2 | GM-71D2 |
|---|---|---|---|---|---|---|---|
| | | Sample ID: | GM-37D2 | GM-38D2 | GM-70D2 | REP-12-30-11 | GM-71D2 |
| | | Date: | 12/23/2011 | 12/22/2011 | 12/30/2011 | 12/30/2011 | 12/30/2011 |
| 1,1,1-Trichloroethane | 5 | | **0.66 J** | **0.42 J** | < 5 | < 5 | **2.1 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | | **1.7 J** | **1.7 J** | < 5 | < 5 | **6.8** |
| 1,1-Dichloroethene | 5 | | **0.6 J** | **0.76 J** | < 5 | < 5 | **3.5 J** |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | < 5 | **0.55 J** |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | | **0.29 J** | **0.49 J** | < 5 | < 5 | **0.68 J** |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-dichloroethene | 5 | | < 5 | **0.66 J** | < 5 | < 5 | **0.84 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | | **0.35 J** | < 5 | **4 J** | **3.9 J** | < 5 |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethylene | 5 | | **0.77 J** | **42** | **16** | **17** | **8.4** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 5 | -- | -- | **0.44 J** | < 5 |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 2 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** | | | **4.4** | **46** | **20** | **21** | **23** |

See last page for notes.

Table 7. Concentration of Volatile Organic Compounds Detected in Deep2 Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: | GM-73D2 | GM-74D2 | GM-75D2 | WELL 17 | WELL 18 |
|---|---|---|---|---|---|---|---|
| | | Sample ID: | GM-73D2 | GM-74D2 | GM-75D2 | WELL 17 | WELL 18 |
| | | Date: | 12/17/2011 | 12/16/2011 | 12/23/2011 | 12/5/2011 | 12/5/2011 |
| 1,1,1-Trichloroethane | 5 | | **0.57 J** | < 5 | < 5 | **0.58 J** | **1.1 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,1-Dichloroethane | 5 | | **1.2 J** | **0.41 J** | < 5 | **1.2 J** | **1.1 J** |
| 1,1-Dichloroethene | 5 | | **2.6 J** | **0.66 J** | **0.31 J** | **3.4 J** | **4 J** |
| 1,2-Dichloroethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | < 100 | < 50 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | < 100 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | < 100 | < 50 |
| Acetone | 50 | | < 50 | < 50 | < 50 | < 100 | < 50 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | < 1.4 | < 0.7 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Chloroform | 7 | | < 5 | < 5 | < 5 | **0.44 J** | < 5 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| cis-1,2-dichloroethene | 5 | | **0.97 J** | **0.24 J** | < 5 | **4.8 J** | **1.7 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Styrene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Tetrachloroethene | 5 | | **2.3 J** | **5.1** | **2 J** | **34** | **12** |
| Toluene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| trans-1,2-dichloroethene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Trichloroethylene | 5 | | **94** | **6.9** | **44** | **240** | **68** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | **0.59 J** | **0.65 J** | **0.53 J** | **6.6 J** | **1.6 J** |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 4 | < 2 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | < 10 | < 5 |
| **Total VOCs** | | | **100** | **14** | **47** | **290** | **90** |

See last page for notes.

Table 7. Concentration of Volatile Organic Compounds Detected in Deep2 Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: / Sample ID: / Date: | Well 18 REP051211 12/5/2011 | WELL 19 WELL 19 12/5/2011 | 102 EFFLUENT 102 EFFLUENT 12/5/2011 | Well 1 Well 1 12/2/2011 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | **1 J** | **0.57 J** | < 5 | **0.58 J** |
| 1,1,2,2-Tetrachloroethane | 5 | | < 5 | < 5 | < 5 | <13 |
| 1,1,2-Trichloroethane | 5 | | < 5 | < 5 | < 5 | <13 |
| 1,1-Dichloroethane | 5 | | **1.2 J** | **1 J** | < 5 | **0.78 J** |
| 1,1-Dichloroethene | 5 | | **4.2 J** | **1.9 J** | < 5 | **2.8 J** |
| 1,2-Dichloroethane | 5 | | < 5 | **0.73 J** | < 5 | <13 |
| 1,2-Dichloropropane | 5 | | < 5 | < 5 | < 5 | **6.1 J** |
| 2-Butanone (MEK) | 50 | | < 50 | < 50 | < 50 | <130 |
| 2-Hexanone (MBK) | 50 | | < 50 | < 50 | < 50 | <130 |
| 4-methyl-2-pentanone (MIK) | 50 | | < 50 | < 50 | < 50 | <130 |
| Acetone | 50 | | < 50 | < 50 | < 50 | <130 |
| Benzene | 0.7 | | < 0.7 | < 0.7 | < 0.7 | <1.8 |
| Bromodichloromethane | 50 | | < 5 | < 5 | < 5 | <13 |
| Bromoform | 50 | | < 5 | < 5 | < 5 | <13 |
| Bromomethane | 5 | | < 5 | < 5 | < 5 | <13 |
| Carbon Disulfide | 50 | | < 5 | < 5 | < 5 | <13 |
| Carbon tetrachloride | 5 | | < 5 | < 5 | < 5 | <13 |
| Chlorobenzene | 5 | | < 5 | < 5 | < 5 | <13 |
| Chloroethane | 5 | | < 5 | < 5 | < 5 | <13 |
| Chloroform | 7 | | **0.27 J** | **0.51 J** | < 5 | <13 |
| Chloromethane | 5 | | < 5 | < 5 | < 5 | <13 |
| cis-1,2-dichloroethene | 5 | | **2.1 J** | **23** | < 5 | **3.5 J** |
| cis-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | <13 |
| Dibromochloromethane | 5 | | < 5 | < 5 | < 5 | <13 |
| Ethylbenzene | 5 | | < 5 | < 5 | < 5 | <13 |
| Methylene Chloride | 5 | | < 5 | < 5 | < 5 | <13 |
| Styrene | 5 | | < 5 | < 5 | < 5 | <13 |
| Tetrachloroethene | 5 | | **13** | **7** | < 5 | **53** |
| Toluene | 5 | | < 5 | < 5 | < 5 | <13 |
| trans-1,2-dichloroethene | 5 | | < 5 | **0.21 J** | < 5 | <13 |
| trans-1,3-dichloropropene | 5 | | < 5 | < 5 | < 5 | <13 |
| Trichloroethylene | 5 | | **70** | **190** | **0.42 J** | **410** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | **1.4 J** | **0.8 J** | < 5 | **3.8 J** |
| Vinyl Chloride | 2 | | < 2 | < 2 | < 2 | < 5 |
| Xylene-o | 5 | | < 5 | < 5 | < 5 | <13 |
| Xylenes - m,p | 5 | | < 5 | < 5 | < 5 | <13 |
| **Total VOCs** | | | **93** | **230** | **0.42** | **480** |

See last page for notes.

Table 7. Concentration of Volatile Organic Compounds Detected in Deep2 Monitoring Wells, Fourth Quarter 2011, Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria[1] and Guidance Values (ug/l) | Well: / Sample ID: / Date: | Well 3 / Well 3 / 12/2/2011 | 96 EFFLUENT / 96 EFFLUENT / 12/5/2011 |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | <50 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | | <50 | < 5 |
| 1,1,2-Trichloroethane | 5 | | <50 | < 5 |
| 1,1-Dichloroethane | 5 | | **2.6 J** | < 5 |
| 1,1-Dichloroethene | 5 | | **11 J** | < 5 |
| 1,2-Dichloroethane | 5 | | <50 | < 5 |
| 1,2-Dichloropropane | 5 | | <50 | < 5 |
| 2-Butanone (MEK) | 50 | | <500 | < 50 |
| 2-Hexanone (MBK) | 50 | | <500 | < 50 |
| 4-methyl-2-pentanone (MIK) | 50 | | <500 | < 50 |
| Acetone | 50 | | <500 | < 50 |
| Benzene | 0.7 | | <7 | < 0.7 |
| Bromodichloromethane | 50 | | <50 | < 5 |
| Bromoform | 50 | | <50 | < 5 |
| Bromomethane | 5 | | <50 | < 5 |
| Carbon Disulfide | 50 | | <50 | < 5 |
| Carbon tetrachloride | 5 | | <50 | < 5 |
| Chlorobenzene | 5 | | <50 | < 5 |
| Chloroethane | 5 | | **6.4 J** | < 5 |
| Chloroform | 7 | | <50 | < 5 |
| Chloromethane | 5 | | <50 | < 5 |
| cis-1,2-dichloroethene | 5 | | **11 J** | < 5 |
| cis-1,3-dichloropropene | 5 | | <50 | < 5 |
| Dibromochloromethane | 5 | | <50 | < 5 |
| Ethylbenzene | 5 | | <50 | < 5 |
| Methylene Chloride | 5 | | <50 | < 5 |
| Styrene | 5 | | <50 | < 5 |
| Tetrachloroethene | 5 | | **63** | < 5 |
| Toluene | 5 | | <50 | < 5 |
| trans-1,2-dichloroethene | 5 | | <50 | < 5 |
| trans-1,3-dichloropropene | 5 | | <50 | < 5 |
| Trichloroethylene | 5 | | **1800** | **0.41 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | | **7.9 J** | < 5 |
| Vinyl Chloride | 2 | | **170** | < 2 |
| Xylene-o | 5 | | <50 | < 5 |
| Xylenes - m,p | 5 | | <50 | < 5 |
| **Total VOCs** | | | **2100** | **0.41** |

**Notes:**

(1) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent value listed.

**Bold value indicates a detection**

Results rounded to two significant figures.

Constituent exceeds SCG value

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| TOGs | Technical and Operational Guidance Series |
| ug/L | Micrograms per liter |
| VOCs | Volatile Organic Compounds |
| J | Value is estimated |
| -- | Not analyzed |
| D | Value is from secondary dilution |
| REP | Field replicate |

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Table 8. Concentrations of Site-Related Volatile Organic Compounds Detected in Outpost Wells, Fourth Quarter 2011, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and guidance Values[1] (ug/L) | Well: / Sample ID: / Date: | BPOW 1-1 BPOW 1-1 11/30/2011 | BPOW 1-2 BPOW 1-2 11/30/2011 | BPOW 1-3 BPOW 1-3 11/30/2011 | BPOW 1-4 BPOW 1-4 12/1/2011 | BPOW 1-5 BPOW 1-5 12/1/2011 | BPOW 1-5 REP120111 12/1/2011 | BPOW 1-6 BPOW 1-6 12/2/2011 | BPOW 2-1 BPOW 2-1 12/5/2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | **0.57** | **0.29 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2-Trichloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1-Dichloroethane | 5 | | **0.23 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1-Dichloroethene | 5 | | **0.43 J** | **0.2 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,2-Dichloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Carbon tetrachloride | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chlorobenzene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chloroform | 7 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| cis-1,2-dichloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Tetrachloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| trans-1,2-dichloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Trichloroethylene | 5 | | **1.1** | **0.41 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| **Total Site-Related VOCs [2]** | | | **2.3[3]** | **0.9** | 0 | 0 | 0 | 0 | 0 | 0 |
| **TVOC Trigger Value [4]** | | | **0.6** | **0.6** | **0.6** | **NE** | **NE** | **NE** | **NE** | **NE** |

See last page for notes.

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Table 8. Concentrations of Site-Related Volatile Organic Compounds Detected in Outpost Wells, Fourth Quarter 2011, Northrop Grumman Systems Corporation, Bethpage, New York.

| CONSTITUENT (Units in ug/L) | NYSDEC Standards Criteria and guidance Values[1] (ug/L) | Well: Sample ID: Date: | BPOW 2-2 BPOW 2-2 12/2/2011 | BPOW 2-3 BPOW 2-3 12/22/2011 | BPOW 3-1 BPOW 3-1 12/5/2011 | BPOW 3-2 BPOW 3-2 12/6/2011 | BPOW 3-3 BPOW 3-3 12/6/2011 | BPOW 3-4 BPOW 3-4 12/7/2011 | BPOW 4-1 BPOW 4-1 12/7/2011 | BPOW 4-2 BPOW 4-2 12/8/2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2,2-Tetrachloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1,2-Trichloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.44 J** | < 0.5 | < 0.5 |
| 1,1-Dichloroethane | 5 | | **0.68** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,1-Dichloroethene | 5 | | **0.36 J** | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1,2-Dichloroethane | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Carbon tetrachloride | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.76** | < 0.5 | < 0.5 |
| Chlorobenzene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chloroform | 7 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.91** | < 0.5 | < 0.5 |
| cis-1,2-dichloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.63** | < 0.5 | < 0.5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.99** | **0.67** |
| Tetrachloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| trans-1,2-dichloroethene | 5 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Trichloroethylene | 5 | | **0.9** | **0.56** | < 0.5 | < 0.5 | < 0.5 | **46 D** | < 0.5 | < 0.5 |
| **Total Site-Related VOCs [2]** | | | **1.9** | **0.56** | 0 | 0 | 0 | **49** | **0.99** | **0.67** |
| **TVOC Trigger Value [4]** | | | **NE** | **NE** | **1.5** | **1.5** | **NE** | **NE** | **1.5** | **1.5** |

Notes:

[1] Standards Critieria and Guidance (SCGs) values based on the Groundwater Feasibility Study Report (ARCADIS Geraherty & Miller, Inc. 2000) are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values listed.

[2] Site-related VOCs were established for the wells identified above in the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003).

[3] The TVOC Trigger Value for Cluster 1 was initially exceeded on April 23, 2004; confirmatory sampling and reporting was conducted as per the PWSCP (ARCADIS G&M, Inc. 2003).

[4] TVOC Trigger Values were established for Wells BPOW1-1, BPOW1-2, BPOW1-3, BPOW3-1, BPOW3-2, BPOW4-1, and BPOW4-2 in the PWSCP (ARCADIS G&M, Inc. 2003).

[5] Wells BPOW1-4, BPOW1-5, BPOW1-6, BPOW3-3, and BPOW3-4 screen intervals were selected by the Navy based on data obtained from vertical profile borings VP-127 (BPOW-1 cluster) and VP-128 (BPOW-3 cluster)..

Results rounded to two significant figures.

**Bold value indicates a detection**

Constituent exceeds SCG value

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| TOGs | Technical and Operational Guidance Series |
| ug/L | Micrograms per liter |
| VOC | Volatile organic compounds |
| TVOC | Total volatile organic compounds |
| NE | Trigger Value Not Established |
| J | Value is estimated |

Northrop Grumman Systems Corporation

# Pre-Design Report for the RW-21 Area

## Operable Unit 3
## (Former Grumman Settling Ponds),
## Bethpage, New York
## NYSDEC Site # 1-30-003A

February 16, 2016

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 326-327 | 342-343 | 380-381 | 405-406 | 420-421 | 440-441 | 440-441 |
| Sample Date: | | 8/10/2015 | 8/10/2015 | 8/12/2015 | 8/12/2015 | 8/13/2015 | 8/13/2015 | 8/13/2015 |
| Sample ID: | | RW-21_VP-1(326-327) | RW-21_VP-1(342-343) | RW-21_VP-1 (380-381) | RW-21_VP-1 (405-406) | RW-21_VP-1 (420-421) | RW-21_VP-1 (440-441) | REP081315AM1 |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **1.0** | **0.61 J** | **0.77 J** | < 1.0 | < 1.0 | **0.28 J** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.58 J** | **0.38 J** | **0.36 J** | < 1.0 | **1.2** | **0.40 J** | **0.34 J** |
| 1,1-Dichloroethene | 5 | **0.78 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.97 J** | **0.70 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **4.2 J** | < 10 | **3.3 J** | **4.5 J** | **7.7 J** | **8.8 J** | **8.5 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | **4.2** | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.30 J** | **0.46 J** | **0.33 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **0.47 J** | < 1.0 | **0.41 J** | < 1.0 | **0.47 J** | **4.4** | **3.3** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.59 J** | **0.45 J** |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **15.9** | **11.4** | **3.1** | < 1.0 | **2.2** | **6.2** | **4.8** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **23** | **12** | **7.9** | **8.7** | **12** | **22** | **18** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 460-461 | 480-481 | 500-501 | 520-521 | 590-591 | 600-601 | 620-621 |
| Sample Date: | | 8/13/2015 | 8/13/2015 | 8/17/2015 | 8/17/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 |
| Sample ID: | | RW-21_VP-1 (460-461) | RW-21_VP-1 (480-481) | RW-21_VP-1(500-501) | RW-21_VP-1(520-521) | RW-21_VP-1(590-591) | RW-21_VP-1(600-601) | RW-21_VP-1(620-621) |
| **Constituent** | | | | | | | | |
| **Units in (ug/L)** | | | | | | | | |
| | **NYSDEC SCGs** | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.27 J** | **1.1** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.33 J** | **0.69 J** |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | **0.35 J** | < 1.0 | < 1.0 | **0.76 J** | **2.8** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.79 J** | **2.7** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.5** | **3.2** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.71 J** |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **12.0** | **11.8** | **10.6** | **11.8** | **13.9** | **6.0 J** | **5.4 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.36 J** | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | **0.20 J** | < 1.0 | < 1.0 | **1.1** | **3.0** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | **0.28 J** | < 1.0 | **0.88 J** | 38.4 | 91.6 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.65 J** | **2.7** |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.94 J |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.51 J** | **0.51 J** | **0.86 J** | **0.37 J** | **3.4** | 227 | 744 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **13** | **12** | **12** | **12** | **19** | **280** | **860** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 | RW-21_VP-1 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 640-641 | 660-661 | 682-683 | 700-701 | 720-721 | 740-741 | 760-761 |
| Sample Date: | | 8/19/2015 | 8/19/2015 | 8/20/2015 | 8/20/2015 | 8/24/2015 | 8/24/2015 | 8/24/2015 |
| Sample ID: | | RW-21_VP-1(640-641) | RW-21_VP-1(660-661) | RW-21_VP-1(682-683) | RW-21_VP-1(700-701) | RW-21_VP-1(720-721) | RW-21_VP-1(740-741) | RW-21_VP-1(760-761) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **9.4 J** | **8.6 J** | **14.4** | **8.6 J** | **15.1** | < 10 | **10.8** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **1.2 J** | **15.3** | **0.38 J** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **1.8** | **0.59 J** | **0.70 J** | **0.54 J** | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **16.6** | **6.3** | **5.3** | **3.9** | **2.8** | **0.57 J** | **0.76 J** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **28** | **15** | **20** | **13** | **19** | **16** | **12** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 302-303 | 303-304 | 322-323 | 341-342 | 363-364 | 382-383 | 402-403 |
| Sample Date: | | 8/6/2015 | 8/18/2015 | 8/18/2015 | 8/18/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 |
| Sample ID: | | RW-21_VP-1(302-303) | RW-21_VP-2(303-304) | RW-21_VP-2(322-323) | RW-21_VP-2(341-342) | RW-21_VP-2(363-364) | RW-21_VP-2(382-383) | RW-21_VP-2(402-403) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.57 J** | **0.39 J** | **0.63 J** | **0.50 J** | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.46 J** | **0.47 J** | **0.93 J** | **1.3** | < 1.0 | < 1.0 | **0.28 J** |
| 1,1-Dichloroethene | 5 | **0.59 J** | < 1.0 | **0.75 J** | **0.60 J** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **6.3 J** | < 10 | **7.5 J** | **7.4 J** | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | **0.37 J** | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.96 J** | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | **0.31 J** | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.30 J** | **0.52 J** | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.58 J** | **2.1** | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | **0.17 J** | < 1.0 | **0.34 J** | **0.92 J** | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | **0.44 J** | **0.51 J** | < 1.0 | < 1.0 | **0.91 J** | **0.94 J** |
| Toluene | 5 | < 1.0 | **0.33 J** | **0.21 J** | **0.19 J** | **2.8** | **0.26 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **24.1** | **6.6** | **11.6** | **5.5** | **0.31 J** | **2.5** | **3.2** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **26** | **15** | **15** | **17** | **15** | **3.7** | **4.4** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 422-423 | 442-443 | 462-463 | 482-483 | 482-483 | 502-504 | 522-523 |
| Sample Date: | | 8/19/2015 | 8/19/2015 | 8/20/2015 | 8/20/2015 | 8/20/2015 | 8/20/2015 | 8/20/2015 |
| Sample ID: | | RW-21_VP-2(422-423) | RW-21_VP-2(442-443) | RW-21_VP-2 (462-463) | RW-21_VP-2 (482-483) | REP082015KM1 | RW-21_VP-2 (502-504) | RW-21_VP-2 (522-523) |
| **Constituent** | | | | | | | | |
| **Units in (ug/L)** | | | | | | | | |
| | **NYSDEC SCGs** | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | **1.3** | **1.3** | **0.97 J** | **0.30 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | **4.6** | **4.8** | **4.4** | **0.75 J** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **3.3** | **3.1** | **2.3** | **0.56 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | **0.55 J** | **0.52 J** | **0.82 J** | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | **6.0 J** | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **4.7 J** | < 10 | **13.0** | < 10 | < 10 | < 10 | **7.4 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | **0.36 J** | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | **1.3** | **1.4** | **3.3** | **0.35 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **14.7** | **14.2** | **11.0** | **3.2** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | **0.64 J** | < 1.0 | **0.45 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.25 J** | < 1.0 | **0.21 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **4.8** | **4.1** | **1.7** | **0.79 J** |
| Toluene | 5 | **0.62 J** | < 1.0 | **0.55 J** | **0.23 J** | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | **0.90 J** | **0.29 J** | **45.4** | **38.9** | **34.5** | **7.9** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **6.6** | **0.9** | **21** | **76** | **68** | **59** | **21** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 542-543 | 545-546 | 560-561 | 561-562 | 582-583 | 602-603 | 622-623 |
| Sample Date: | | 8/20/2015 | 8/18/2015 | 8/18/2015 | 8/24/2015 | 8/24/2015 | 8/24/2015 | 8/24/2015 |
| Sample ID: | | RW-21_VP-2 (542-543) | RW-21_VP-1(545-546) | RW-21_VP-1(560-561) | RW-21_VP-2(561-562) | RW-21_VP-2(582-583) | RW-21_VP-2(602-603) | RW-21_VP-2(622-623) |
| **Constituent** | **NYSDEC SCGs** | | | | | | | |
| **Units in (ug/L)** | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | **0.26 J** | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.23 J** | < 1.0 | **0.82 J** | **0.72 J** | **0.20 J** | **0.33 J** | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | **0.59 J** | **0.57 J** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.61 J** | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **6.6 J** | **12.2** | **11.7** | **11.3** | **15.1** | **7.3 J** | **10.4** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.21 J** | < 1.0 | **0.27 J** | **0.41 J** | **0.27 J** | **0.69 J** | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **4.3** | < 1.0 | **1.7** | **7.0** | **6.4** | **16.9** | **1.1** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.52 J** | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.26 J** | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.69 J** | < 1.0 | **0.55 J** | < 1.0 |
| Toluene | 5 | **0.19 J** | < 1.0 | < 1.0 | **0.53 J** | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **9.0** | **0.42 J** | **2.8** | **9.6** | **23.0** | **78.1** | **19.3** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **21** | **13** | **18** | **32** | **45** | **100** | **31** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-2 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 642-643 | 662-663 | 681-682 | 701-702 | 722-723 | 741-742 | 299-300 |
| Sample Date: | | 8/25/2015 | 8/25/2015 | 8/25/2015 | 8/25/2015 | 8/27/2015 | 8/27/2015 | 3/31/2015 |
| Sample ID: | | RW-21_VP-2(642-643) | RW-21_VP-2(662-663) | RW-21_VP-2(681-682) | RW-21_VP-2(701-702) | RW-21_VP-2(722-723) | RW-21_VP-2(741-742) | RW-21_VP-3(299-300) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 J |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.6** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **6.7 J** | **4.8 J** | **11.3** | **7.4 J** | **7.3 J** | **6.7 J** | **5.3 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 J |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | **0.35 J** | < 2.0 | < 2.0 | < 2.0 | **0.26 J** | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 J |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **1.1** | **1.4** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.23 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.95 J** | **77.5** | **1.7** | **1.7** | **0.34 J** | **0.74 J** | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **9.3** | **84** | **13** | **9.1** | **7.9** | **7.4** | **8.9** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 299-300 | 318-319 | 338-339 | 362-363 | 384-385 | 399-400 | 419-420 |
| Sample Date: | | 3/31/2015 | 3/31/2015 | 3/31/2015 | 3/31/2015 | 3/31/2015 | 4/1/2015 | 4/1/2015 |
| Sample ID: | | REP033115DM | RW-21_VP-3(318-319) | RW-21_VP-3(338-339) | RW-21_VP-3(362-363) | RW-21_VP-3(384-385) | RW-21_VP-3(399-400) | RW-21_VP-3(419-420) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 J | < 1.0 J | < 1.0 J | **0.77 J** | **0.94 J** | **0.55 J** | **3.0 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 J | < 5.0 J | < 5.0 J | < 5.0 J | < 5.0 J | < 5.0 J | < 5.0 J |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **3.7** | **1.2** | **0.37 J** | **2.8** | **2.7** | **2.0** | **9.7** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **1.4** | **1.2** | **1.1** | **5.7** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.2** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | **6.3 J** | **15.3** | < 10 |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 0.50 | **0.32 J** | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 J | < 4.0 J | < 4.0 J | < 4.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 J | < 5.0 J | < 5.0 J | < 5.0 J | < 2.0 J | < 2.0 J | < 2.0 J |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | **0.38 J** | **0.43 J** | **0.83 J** | **2.7** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.85 J** | **0.68 J** | **2.5** | **11.2** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.70 J** | < 1.0 | < 1.0 | **13.8** |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.25 J** | **0.90 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **2.6** | **5.6** | **12.2** | **65.6** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **3.7** | **1.2** | **0.37** | **9.5** | **18** | **36** | **110** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 438-439 | 458-459 | 478-479 | 498-499 | 519-520 | 538-539 | 558-559 |
| Sample Date: | | 4/1/2015 | 4/1/2015 | 4/1/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 |
| Sample ID: | | RW-21_VP-3(438-439) | RW-21_VP-3(458-459) | RW-21_VP-3(478-479) | RW-21_VP-3(498-499) | RW-21_VP-3(519-520) | RW-21_VP-3(538-539) | RW-21_VP-3(558-559) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **2.2 J** | **2.2 J** | **4.7 J** | **2.7 J** | < 1.0 J | < 50 J | < 50 J |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 J | < 5.0 J | < 25 J | < 25 J | < 5.0 J | < 250 J | < 250 J |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | **3.8 J** | **1.8 J** | < 1.0 | < 50 | < 50 |
| 1,1-Dichloroethane | 5 | **9.5** | **9.7** | **15.4** | **12.1** | < 1.0 | < 50 | **27.4 J** |
| 1,1-Dichloroethene | 5 | **4.7** | **4.6** | **16.4** | **11.4** | < 1.0 | < 50 | **26.5 J** |
| 1,2-Dichloroethane | 0.6 | **1.3** | **0.51 J** | **39.9** | **20.3** | **0.27 J** | < 50 | **45.4 J** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | **5.5** | < 5.0 | < 1.0 | < 50 | < 50 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 50 | < 50 | < 10 | < 500 | < 500 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 25 | < 25 | < 5.0 | < 250 | < 250 |
| Acetone | 50 | < 10 | < 10 | < 50 | < 50 | **7.1 J** | < 500 | < 500 |
| Benzene | 1 | < 0.50 | < 0.50 | < 2.5 | < 2.5 | < 0.50 | < 25 | < 25 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Bromoform | 50 | < 1.0 J | < 1.0 J | < 5.0 J | < 5.0 J | < 1.0 J | < 50 J | < 50 J |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 10 | < 10 | < 2.0 | < 100 | < 100 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 10 | < 10 | < 2.0 | < 100 | < 100 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| CFC-12 | 5 | < 2.0 J | < 2.0 J | < 10 J | < 10 J | < 2.0 J | < 100 J | < 100 J |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 25 | < 25 | < 5.0 | < 250 | < 250 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Chloroform | 7 | **1.8** | **1.0** | **34.0** | **14.9** | < 1.0 | **25.8 J** | **35.1 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| cis-1,2-Dichloroethene | 5 | **7.5** | **1.1** | **860** | **684** | **4.9** | **544** | **779** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 10 | < 10 | < 2.0 | < 100 | < 100 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 25 | < 25 | < 5.0 | < 250 | < 250 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Tetrachloroethene | 5 | **13.4** | **16.4** | **5.7** | **13.7** | < 1.0 | < 50 | < 50 |
| Toluene | 5 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | **7.8** | **3.5 J** | < 1.0 | < 50 | < 50 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| Trichloroethene | 5 | **46.3** | **10.4** | **2410 D** | **1610 D** | **16.2** | **6750** | **13200 D** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 50 | < 50 |
| **TVOCs** | | **87** | **46** | **3400** | **2400** | **28** | **7300** | **14000** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 578-579 | 598-599 | 618-619 | 643-644 | 658-660 | 700-701 | 710-711 |
| Sample Date: | | 4/2/2015 | 4/3/2015 | 4/3/2015 | 4/6/2015 | 4/6/2015 | 4/7/2015 | 4/7/2015 |
| Sample ID: | | RW-21_VP-3(578-579) | RW-21_VP-3(598-599) | RW-21_VP-3(618-619) | RW-21_VP-3 (643-644) | RW-21_VP-3 (658-660) | RW-21_VP-3 (700-701) | RW-21_VP-3 (710-711) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 25 J | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 130 J | < 100 | < 100 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **10.6 J** | **8.4 J** | **7.7 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **19.8 J** | **10.8 J** | **7.2 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 250 | < 200 | < 200 | < 10 | < 10 | **6.3 J** | < 10 |
| 4-Methyl-2-Pentanone | NE | < 130 | < 100 | < 100 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 250 | < 200 | < 200 | **20.8** | < 10 | **11.9** | **5.9 J** |
| Benzene | 1 | < 13 | < 10 | < 10 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 25 J | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 50 | < 40 | < 40 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 50 | < 40 | < 40 | < 2.0 | < 2.0 | **0.37 J** | < 2.0 |
| Carbon Tetrachloride | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 50 J | < 40 | < 40 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 130 | < 100 | < 100 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **16.1 J** | **9.8 J** | **5.7 J** | **0.21 J** | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **283** | **208** | **149** | **2.1** | **0.63 J** | **0.56 J** | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 50 | < 40 | < 40 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 130 | < 100 | < 100 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 25 | < 20 | < 20 | **0.24 J** | < 1.0 | **0.22 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **4270** | **4660 D** | **2910** | **30.6** | **25.5** | **11.8** | **6.4** |
| Vinyl chloride | 2 | < 25 | < 20 | < 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **4600** | **4900** | **3100** | **54** | **26** | **31** | **12** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 715-716 | 720-721 | 725-726 | 730-731 | 735-736 | 740-741 | 745-746 |
| Sample Date: | | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/8/2015 | 4/8/2015 | 4/8/2015 | 4/8/2015 |
| Sample ID: | | RW-21_VP-3 (715-716) | RW-21_VP-3 (720-721) | RW-21_VP3(725-726) | RW-21_VP-3(730-731) | RW-21_VP-3(735-736) | RW-21_VP-3(740-741) | RW-21_VP-3(745-746) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **3.7 J** | **13.4** | < 10 | < 10 | < 10 | < 10 | **4.7 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | **0.31 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | **0.60 J** | **0.26 J** | < 1.0 | < 1.0 | < 1.0 | **0.18 J** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **3.9** | **3.6** | **5.1** | **2.2** | **0.28 J** | **2.3** | **0.46 J** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **7.6** | **18** | **5.4** | **2.2** | **0.28** | **2.3** | **5.3** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 755-756 | 760-761 | 775-776 | 780-781 | 785-786 | 790-791 | 795-796 |
| Sample Date: | | 4/8/2015 | 4/9/2015 | 4/9/2015 | 4/9/2015 | 4/9/2015 | 4/10/2015 | 4/10/2015 |
| Sample ID: | | RW-21_VP-3 (755-756) | RW-21_VP-3 (760-761) | RW-21_VP-3 (775-776) | RW-21_VP-3 (780-781) | RW-21_VP-3 (785-786) | RW-21_VP-3 (790-791) | RW-21_VP-3 (795-796) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | **10.5** | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.65 J** | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | **4.1** | **0.36 J** | **0.90 J** | < 1.0 | **18.7** | **0.99 J** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **0.0** | **4.1** | **0.36** | **0.9** | **0.0** | **30** | **0.99** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 801-802 | 806-807 | 811-812 | 815-816 | 820-821 | 825-826 | 830-831 |
| Sample Date: | | 4/13/2015 | 4/13/2015 | 4/13/2015 | 4/13/2015 | 4/14/2015 | 4/14/2015 | 4/14/2015 |
| Sample ID: | | RW-21_VP-3(801-802) | RW-21_VP-3(806-807) | RW-21_VP-3(811-812) | RW-21_VP-3(815-816) | RW-21_VP-3(820-821) | RW-21_VP-3(825-826) | RW-21_VP-3(830-831) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | **6.6 J** | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **8.9 J** | **7.4 J** | **8.6 J** | **8.0 J** | **15.2** | **9.3 J** | **3.4 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 J | < 2.0 | < 2.0 J | < 2.0 J | < 2.0 J |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.62 J** | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.37 J** | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | **0.48 J** | < 1.0 | **0.42 J** | **0.41 J** | **0.67 J** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **2.5** | < 1.0 | **3.5** | **0.44 J** | **5.8** | **0.30 J** | **1.3** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **18** | **7.4** | **13** | **8.4** | **21** | **11** | **5.4** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-3 | RW-21_VP-4 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 835-836 | 840-841 | 844-845 | 849-850 | 855-856 | 860-861 | 302-303 |
| Sample Date: | | 4/14/2015 | 4/14/2015 | 4/15/2015 | 4/15/2015 | 4/15/2015 | 4/15/2015 | 12/5/2014 |
| Sample ID: | | RW-21_VP-3(835-836) | RW-21_VP-3(840-841) | RW-21_VP-3(844-845) | RW-21_VP-3(849-850) | RW-21_VP-3(855-856) | RW-21_VP-3(860-861) | RW-21_VP-4(302-303) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | **9.9 J** | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.20** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.57** |
| Toluene | 5 | **0.18 J** | < 1.0 | < 1.0 | **0.23 J** | < 1.0 | **0.24 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | **0.93 J** | **2.0** | **1.1** | < 1.0 | < 1.0 | **1.2** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **0.18** | **0.93** | **2** | **11** | **0.0** | **0.24** | **2** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 322-323 | 347-348 | 347-348 | 371 | 371-507 | 381-382 | 406-407 |
| Sample Date: | | 12/8/2014 | 12/8/2014 | 12/8/2014 | 12/9/2014 | 12/15/2014 | 12/10/2014 | 12/10/2014 |
| Sample ID: | | RW-21_VP-4(322-323) | RW-21_VP-4(347-348) | REP120814KM1 | RW21_VP-4_371 | RW-21_VP-4(506-507) | RW-21_VP-4 (381-382) | RW-21_VP-4 (406-407) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **0.58** | **0.61** | **1.6** | < 1.0 | **2.3** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | 0.43 | < 1.0 | **0.43** | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | **3.6** | **3.7** | **10** | < 1.0 | **9.9** | **1.2** |
| 1,1-Dichloroethene | 5 | < 1.0 | **1.8** | **2.0** | **5.7** | < 1.0 | **7.0** | **0.94** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | **0.77** | **0.80** | **2.5** | < 1.0 | **2.9** | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | **0.52** | < 1.0 | **0.41** | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | **4.6** | **4.7** | **10.2** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | **0.37** | < 1.0 | **0.52** | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | **0.85** | **0.87** | **2.0** | < 1.0 | **2.3** | **0.29** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | **133** | **132** | **321** | **1.2** | **281** | **10.8** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.54** |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.30** |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | **1.8** | **1.9** | **2.2** | < 1.0 | **1.7** | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.37** | < 1.0 | **5.2** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | **1.1** | **1.2** | **2.3** | < 1.0 | **2.2** | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | **202** | **203** | **540** | **10.2** | **674** | **48.6** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **0.0** | **350** | **350** | **890** | **16** | **990** | **78** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 420-421 | 440-441 | 460-461 | 481-482 | 506-521 | 540-541 | 560-561 |
| Sample Date: | | 12/11/2014 | 12/11/2014 | 12/11/2014 | 12/12/2014 | 12/15/2014 | 12/15/2014 | 12/15/2014 |
| Sample ID: | | RW-21_VP-4(420-421) | RW-21_VP-4(440-441) | RW-21_VP-4(460-461) | RW-21_VP-4(481-482) | RW-21_VP-4(520-521) | RW-21_VP-4(540-541) | RW-21_VP-4(560-561) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **0.82 J** | < 1.0 | **0.42** | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | **2.1** | < 1.0 | **1.1** | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | **2.8** | < 1.0 | **1.0** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | **4.4** | < 1.0 | **2.9** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | **1.0** | < 1.0 | **0.79** | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | **7.0** | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **5.5 J** | **3.4 J** | **18.4** | **3.6** | **7.5** | < 10 | < 10 |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | **0.47 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | **4.0** | < 1.0 | **1.6** | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **2.7** | **28.5** | **0.52 J** | **24.8** | **0.41** | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **2.1** | 1.7 | **0.46 J** | 1.1 | **0.54** | **0.23** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **13.4** | **323** | **1.2** | **248** | **2.0** | **1.2** | **0.93** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **24** | **370** | **21** | **290** | **17** | **1.4** | **0.93** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 | RW-21_VP-4 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 580-581 | 600-601 | 630-631 | 642-643 | 660-661 | 680-681 | 702-703 |
| Sample Date: | | 12/16/2014 | 12/16/2014 | 12/16/2014 | 12/17/2014 | 12/17/2014 | 12/17/2014 | 12/17/2014 |
| Sample ID: | | RW-21_VP-4(580-581) | RW-21_VP-4(600-601) | RW-21_VP-4(630-631) | RW-21_VP-4(642-643) | RW-21_VP-4(660-661) | RW-21_VP-4(680-681) | RW-21_VP-4(702-703) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **4.9** | < 10 | < 10 | *6.8* | < 10 | **15.4** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.39** | < 1.0 | < 1.0 | **0.26** | **0.27** | **0.26** | **1.0** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **1.6** | **1.6** | **2.4** | **0.73** | **0.82** | **1.1** | **0.57** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **2** | **6.5** | **2.4** | **0.99** | **7.9** | **1.4** | **17** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 307-308 | 307-308 | 326-327 | 347-348 | 377-378 | 387-388 | 407-408 |
| Sample Date: | | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 |
| Sample ID: | | RW-21_VP-5 (307-308) | REP043015SL | RW-21_VP-5 (326-327) | RW-21_VP-5 (347-348) | RW-21_VP-5 (377-378) | RW-21_VP-5 (387-388) | RW-21_VP-5 (407-408) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | **3.3** | **3.4** | < 5.0 | **2.5** | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | **1.0** | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | **0.97** | < 1.0 | **1.6** | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.9** | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **11.0** | < 10 | **9.8** | **5.3** | **16.3** | **14.9** | **10.5** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | **0.33** | **0.34** | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | **1.0** | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **1.1** | **1.2** | < 1.0 | **4.5** | **0.39** | **0.69** | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.56** | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.21** | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | **3.4** | **3.6** | **1.6** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | **0.31** | < 1.0 | **0.23** | **0.44** | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **122** | **128** | **38.5** | **137** | **24.9** | **25.9** | **3.5** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **140** | **140** | **50** | **150** | **43** | **48** | **14** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 430-431 | 447-448 | 466-467 | 526-527 | 541-542 | 547-548 | 566-567 |
| Sample Date: | | 5/4/2015 | 5/4/2015 | 5/4/2015 | 5/5/2015 | 5/6/2015 | 5/6/2015 | 5/6/2015 |
| Sample ID: | | RW-21_VP-5(430-431) | RW-21_VP-5(447-448) | RW-21_VP-5(466-467) | RW-21_VP-5(526-527) | RW-21_VP-5(541-542) | RW-21_VP-5(547-548) | RW-21_VP-5(566-567) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **0.71** | **1.5** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | **2.5** | **8.5** | < 1.0 | < 1.0 | **1.7** | **1.9** |
| 1,1-Dichloroethene | 5 | < 1.0 | **0.93** | **3.3** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | **0.68** | < 1.0 | < 1.0 | **0.71** | **0.96** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **5.3** | < 10 | < 10 | **13.8** | **6.9** | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | **0.48** | < 1.0 | < 1.0 | < 1.0 | **0.28** |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | **0.22** | **1.9** | < 1.0 | < 1.0 | **2.0** | **3.2** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | **3.4** | < 1.0 | < 1.0 | **3.2** | **3.8** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.27** | < 1.0 | < 1.0 | < 1.0 | **0.20** | **1.0** | **0.21** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **2.1** | **1.6** | **14.2** | < 1.0 | **0.42** | **6.9** | **12.4** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **7.7** | **6** | **34** | **14** | **7.5** | **16** | **23** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 566-567 | 590-591 | 595-596 | 606-607 | 626-627 | 646-647 | 666-667 |
| Sample Date: | | 42130 | 5/6/2015 | 5/6/2015 | 5/6/2015 | 5/7/2015 | 5/7/2015 | 5/7/2015 |
| Sample ID: | | REP050615SL | RW-21_VP-5(590-591) | RW-21_VP-5(595-596) | RW-21_VP-5 (606-607) | RW-21_VP-5 (626-627) | RW-21_VP-5 (646-647) | RW-21_VP-5 (666-667) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **1.9** | < 1.0 | < 1.0 | < 1.0 | 1.1 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **1.0** | < 1.0 | < 1.0 | < 1.0 | 0.43 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **9.8** | **6.6** | < 10 | 12.2 | 7.7 | 10.9 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | **0.32** | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | **0.25** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | **0.41** | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **3.0** | < 1.0 | < 1.0 | < 1.0 | 1.3 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **3.3** | < 1.0 | < 1.0 | < 1.0 | 4.1 | < 1.0 | 0.39 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.25** | **0.76** | **1.1** | **0.66** | **0.83** | **0.54** | **0.99** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **10.9** | **0.86** | **0.69** | **0.92** | **10.3** | **0.37** | **1.1** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **21** | **11** | **8.4** | **2.3** | **30** | **8.6** | **13** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-5 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 686-687 | 695-696 | 715-716 | 302-303 | 321-322 | 343-344 | 365-366 |
| Sample Date: | | 5/7/2015 | 5/7/2015 | 5/11/2015 | 6/16/2015 | 6/16/2015 | 6/16/2015 | 6/16/2015 |
| Sample ID: | | RW-21_VP-5 (686-687) | RW-21_VP-5 (695-696) | RW-21_VP-5(715-716) | RW-21_VP-6(302-303) | RW-21_VP-6(321-322) | RW-21_VP-6(343-344) | RW-21_VP-6(365-366) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.76 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.9** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.79 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **6.6** | **7.3** | **21.8** | **11.2** | **5.1 J** | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | **0.41 J** | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | **0.47 J** | **0.45 J** | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.29 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.69 J** | **0.43 J** | **0.43 J** | **0.47 J** |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.37 J** | **0.20 J** | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.79 J** | **0.91 J** |
| Toluene | 5 | **1.5** | **1.3** | **0.62 J** | **1.5** | **0.60 J** | **0.74 J** | **0.46 J** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.66** | **0.81** | < 1.0 | < 1.0 | < 1.0 | **16.0** | **7.1** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **8.8** | **9.4** | **22** | **15** | **6.8** | **18** | **13** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 381-382 | 401-402 | 421-422 | 441-442 | 462-463 | 480-481 | 502-503 |
| Sample Date: | | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/18/2015 |
| Sample ID: | | RW-21_VP-6(381-382) | RW-21_VP-6(401-402) | RW-21_VP-6(421-422) | RW-21_VP-6(441-442) | RW-21_VP-6(462-463) | RW-21_VP-6(480-481) | RW-21_VP-6(502-503) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **1.1** | < 1.0 | < 1.0 | **1.8** | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **1.1** | **2.1** | **0.69 J** | **2.3** | **5.8** | **1.0** | **1.2** |
| 1,1-Dichloroethene | 5 | **0.54 J** | **1.2** | < 1.0 | < 1.0 | **2.0** | < 1.0 | **0.51 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **24.8** | **5.6 J** | **4.0 J** | **4.1 J** | **5.3 J** | **17.8** | **8.1 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | **0.34 J** | **0.37 J** | **0.40 J** | **0.36 J** | < 2.0 | **0.28 J** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.23 J** | **0.34 J** | < 1.0 | < 1.0 | **0.51 J** | < 1.0 | **0.24 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.68 J** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | **2.6** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.37 J** | **0.27 J** |
| m,p-Xylene | 5 | **10.8** | **0.58 J** | < 1.0 | < 1.0 | **0.52 J** | **1.3** | **0.77 J** |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **3.4** | < 1.0 | < 1.0 | < 1.0 | **0.20 J** | **0.45 J** | **0.37 J** |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | **0.78 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.56 J** |
| Toluene | 5 | **0.32 J** | **0.54 J** | < 1.0 | < 1.0 | **0.42 J** | < 1.0 | **0.90 J** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **4.6** | **13.1** | < 1.0 | < 1.0 | **1.7** | **0.50 J** | **2.0** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **48** | **26** | **5.1** | **6.8** | **19** | **21** | **16** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 520-521 | 542-543 | 568-569 | 581-582 | 606-607 | 621-622 | 640-641 |
| Sample Date: | | 6/18/2015 | 6/18/2015 | 6/18/2015 | 6/19/2015 | 6/22/2015 | 6/22/2015 | 6/23/2015 |
| Sample ID: | | RW-21_VP-6(520-521) | RW-21_VP-6(542-543) | RW-21_VP-6(568-569) | RW-21_VP-6(581-582) | RW-21_VP-6(606-607) | RW-21_VP-6(621-622) | RW-21_VP-6 (640-641) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | **1.1** | < 2.5 | < 10 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 13 | < 50 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | **0.81 J** | **1.7 J** | **2.4 J** | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.68 J** | < 1.0 | < 1.0 | **5.6** | **0.58 J** | **4.0 J** | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **3.0** | < 2.5 | < 10 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **0.86 J** | < 1.0 | < 1.0 | **3.8** | **6.0** | **12.6** | **0.42 J** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 J | < 10 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | **7.3 J** | **7.6 J** | < 10 | < 25 | < 100 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 13 | < 50 | < 5.0 |
| Acetone | 50 | **15.3** | **14.6** | **27.0** | **6.4 J** | **25.5** | < 100 | **14.6** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 1.3 | < 5.0 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 | < 20 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | **0.49 J** | **0.41 J** | **0.26 J** | < 5.0 | < 20 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | **0.34 J** | < 2.5 | < 10 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 | < 20 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 13 | < 50 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Chloroform | 7 | **0.86 J** | < 1.0 | < 1.0 | **12.4** | **5.2** | **17.2** | **0.27 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **15.5** | **0.31 J** | **0.86 J** | **80.6** | **132** | **389** | **6.5** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 | < 20 | < 2.0 |
| Ethylbenzene | 5 | **0.39 J** | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| m,p-Xylene | 5 | **1.6** | < 1.0 | < 1.0 | **0.46 J** | < 2.5 | < 10 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 13 | < 50 | < 5.0 |
| o-Xylene | 5 | **0.58 J** | < 1.0 | < 1.0 | **0.20 J** | < 2.5 | < 10 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Tetrachloroethene | 5 | **0.53 J** | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Toluene | 5 | **0.32 J** | **0.28 J** | < 1.0 | **0.43 J** | < 2.5 | < 10 | 0.21 J |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| Trichloroethene | 5 | **30.8** | < 1.0 | **0.59 J** | **163** | **662** | **1220** | **96.5** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.5 | < 10 | < 1.0 |
| **TVOCs** | | **67** | **23** | **36** | **280** | **830** | **1600** | **120** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-6 | RW-21_VP-7 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 661-662 | 661-662 | 682-683 | 700-701 | 726-727 | 741-742 | 302-303 |
| Sample Date: | | 6/23/2015 | 6/23/2015 | 6/23/2015 | 6/23/2015 | 6/25/2015 | 6/25/2015 | 1/19/2015 |
| Sample ID: | | RW-21_VP-6 (661-662) | REP062315AM1 | RW-21_VP-6 (682-683) | RW-21_VP-6 (700-701) | RW-21_VP-6(726-727) | RW-21_VP-6(741-742) | RW-21_VP-7(302-303) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.77 J** | **0.60 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.1** |
| 1,1-Dichloroethene | 5 | **1.0** | **0.66 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **0.94 J** | **0.87 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | **11.0** | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **8.0 J** | **7.4 J** | < 10 | **7.5 J** | **12.5** | **22.8** | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | **0.27 J** | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.32 J** | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.35 J** | **0.31 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **14.9** | **11.8** | **0.63 J** | **0.79 J** | **0.41 J** | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | **0.40 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.18 J** | **0.22 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| Tetrachloroethene | 5 | **0.45 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.37 J** | **0.44 J** | < 1.0 | **0.32 J** | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **390** | **227** | **15.7** | **5.6** | **1.9** | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **420** | **250** | **16** | **14** | **15** | **34** | **1.1** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 320-321 | 345-346 | 362-363 | 380-381 | 401-402 | 421-422 | 441-442 |
| Sample Date: | | 1/19/2015 | 1/19/2015 | 1/19/2015 | 1/20/2015 | 1/20/2015 | 1/20/2015 | 1/20/2015 |
| Sample ID: | | RW-21_VP-7(320-321) | RW-21_VP-7(345-346) | RW-21_VP-7(362-363) | RW-21_VP-7 (380-381) | RW-21_VP-7 (401-402) | RW-21_VP-7 (421-422) | RW-21_VP-7 (441-442) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **1.9** | < 1.0 | < 1.0 | **0.43** | < 1.0 | **0.80** | **1.1** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **5.8** | < 1.0 | < 1.0 | **1.5** | < 1.0 | **2.5** | **3.6** |
| 1,1-Dichloroethene | 5 | **2.1** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.0** | **1.4** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.45** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.35** | **0.44** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.39** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.36** | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.26** | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | **< 1.0** | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.81** | < 1.0 | < 1.0 | **4.1** | < 1.0 | **3.8** | **3.0** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **11** | **0.0** | **0.0** | **6.7** | **0.0** | **8.5** | **9.9** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 468-469 | 481-482 | 502-503 | 521-522 | 544-545 | 561-562 | 581-582 |
| Sample Date: | | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/22/2015 | 1/22/2015 |
| Sample ID: | | RW-21_VP-7 (468-469) | RW-21_VP-7 (481-482) | RW-21_VP-7 (502-503) | RW-21_VP-7 (521-522) | RW-21_VP-7 (544-545) | RW-21_VP-7(561-562) | RW-21_VP-7(581-582) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **1.1** | **0.82** | < 1.0 | < 1.0 | **2.5** | **2.1** | **2.6** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.65** | **0.63** | **4.7** |
| 1,1-Dichloroethane | 5 | **3.1** | **3.1** | **1.4** | < 1.0 | **9.9** | **6.2** | **6.7** |
| 1,1-Dichloroethene | 5 | **2.0** | **1.3** | **0.81** | < 1.0 | **5.5** | **4.2** | **7.3** |
| 1,2-Dichloroethane | 0.6 | **0.44** | **0.60** | **1.2** | < 1.0 | **4.1** | **5.4** | **21.6** |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.38** | **0.61** | **10.6** |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.45** | **0.34** | **2.7** |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.97** | **1.2** | **3.1** | < 1.0 | **8.1** | **8.8** | **22.4** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **13.6** | **1.9** | **2.0** | < 1.0 | **59.9** | **84.2** | **295** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.0** | **0.84** | **4.9** |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.77** | **3.8** |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **32.4** | **14.7** | **19.5** | **0.39** | **244** | **265** | **4870** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **54** | **24** | **28** | **0.39** | **340** | **380** | **5300** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 605-606 | 620-621 | 641-642 | 661-662 | 682-683 | 700-701 | 705-706 |
| Sample Date: | | 1/22/2015 | 1/22/2015 | 1/23/2015 | 1/23/2015 | 1/28/2015 | 1/29/2015 | 1/29/2015 |
| Sample ID: | | RW-21_VP-7(605-606) | RW-21_VP-7(620-621) | RW-21_VP-7(641-642) | RW-21_VP-7(661-662) | RW_21_VP-7(682-683) | RW-21_VP-7(700-701) | RW-21_VP-7(705-706) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.90** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | **0.76** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **3.0** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **1.9** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **5.3** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | **1.9** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **5.0** | < 10 | **6.9** | **5.9** | < 10 | **9.7** | **8.1** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | **0.24** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **3.1** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **64.1** | **2.3** | < 1.0 | **1.9** | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | **0.73** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | **1.4** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **882** | **54.1** | **7.6** | **38.8** | **3.6** | **4.5** | **3.3** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **970** | **56** | **15** | **47** | **3.6** | **14** | **11** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 715-716 | 721-722 | 731-732 | 735-736 | 760-761 | 765-766 | 775-776 |
| Sample Date: | | 2/4/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/9/2015 | 2/11/2015 | 2/11/2015 |
| Sample ID: | | RW-21_VP-7(715-716) | RW-21_VP-7(721-722) | RW-21_VP-7(731-732) | RW-21_VP-7(735-736) | RW-21_VP-7(760-761) | RW-21_VP-7(765-766) | RW-21_VP-7(775-776) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | **7.1** | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **11.3** | < 10 | **3.0** | **29.9** | **7.1** | **9.5** | **5.9** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.34** | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.99** | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.80** | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.25** | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **2.9** | **1.9** | **1.1** | **0.93** | **1.2** | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **14** | **1.9** | **4.1** | **40** | **8.3** | **9.5** | **5.9** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-7 | RW-21_VP-8 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 791-792 | 797-798 | 806-807 | 816-817 | 826-827 | 837-838 | 300-301 |
| Sample Date: | | 2/11/2015 | 2/12/2015 | 2/12/2015 | 2/12/2015 | 2/17/2015 | 2/18/2015 | 11/5/2015 |
| Sample ID: | | RW-21_VP-7(791-792) | RW-21_VP-7(797-798) | RW-21_VP-7(806-807) | RW-21_VP-7(816-817) | RW-21_VP-7(826-827) | RW-21_VP-7(837-838) | RW-21-VP-8(300-301) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | **4.0** | < 10 | **10** |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | **17.3** | < 10 | **10.8** | **6.3** | **32.0** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.62 J** |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | **0.23** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.22 J** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | < 1.0 | **0.30** | < 1.0 | **0.33** | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **0.0** | **0.0** | **18** | **0.0** | **15** | **6.3** | **43** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 325-326 | 341-342 | 361-362 | 381-382 | 402-403 | 402-403 | 422-423 |
| Sample Date: | | 11/5/2015 | 11/9/2015 | 11/9/2015 | 11/9/2015 | 11/10/2015 | 11/10/2015 | 11/10/2015 |
| Sample ID: | | RW-21-VP-8(325-326) | RW-21_VP-8(341-342) | RW-21_VP-8(361-362) | RW-21_VP-8(381-382) | RW-21_VP-8(402-403) | REP111015SL1 | RW-21_VP-8(422-423) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | **0.43 J** | < 1.0 | **0.51 J** | **0.59 J** | **0.79 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | **0.20 J** | < 1.0 | **1.4** | **1.5** | **1.2** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.56 J** | **0.64 J** | **0.59 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **14.0** | **6.3 J** | < 10 | **8.2 J** | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | **0.45 J** | < 1.0 | **0.57 J** | **0.70 J** | **0.56 J** |
| Chloromethane | 5 | **0.48 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.0** | **3.2** | **2.5** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.44 J** | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | < 1.0 | **0.27 J** | **0.33 J** | **33.3** | **35.9** | **13.9** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **14** | **6.3** | **1.0** | **8.5** | **39** | **43** | **20** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 441-442 | 466-467 | 481-482 | 502-503 | 525-526 | 546-547 | 561 |
| Sample Date: | | 11/10/2015 | 11/11/2015 | 11/11/2015 | 11/11/2015 | 11/11/2015 | 11/12/2015 | 11/12/2015 |
| Sample ID: | | RW-21_VP-8(441-442) | RW-21_VP-8(466-467) | RW-21_VP-8(481-482) | RW-21_VP-8(502-503) | RW-21_VP-8(525-526) | RW-21_VP-8(546-547) | RW-21_VP-8(561-562) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.29 J** | **1.7** | < 1.0 | **0.66 J** | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | **0.34 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **1.2** | **8.0** | **0.31 J** | **1.7** | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **0.52 J** | **5.4** | < 1.0 | **2.0** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | **4.1** | < 1.0 | **1.7** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | **0.76 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **5.1 J** | **7.7 J** | < 10 | **10.2** | **10.3** | **4.6 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | **0.44 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.48 J** | **3.4** | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **19.8** | **121** | **3.2** | **16.9** | **0.49 J** | **0.42 J** | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | **0.53 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | **1.5** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **28.0** | **277** | **14.9** | **170** | **1.6** | **1.9** | **0.67 J** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **51** | **430** | **26** | **190** | **12** | **12** | **5.3** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 | RW-21_VP-8 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 581-582 | 601-602 | 620-621 | 641-642 | 660-661 | 680-681 | 700-701 |
| Sample Date: | | 11/16/2015 | 11/16/2015 | 11/16/2015 | 11/17/2015 | 11/17/2015 | 11/17/2015 | 11/17/2015 |
| Sample ID: | | RW_21-VP-8(581-582) | RW_21-VP-8(601-602) | RW_21-VP-8(620-621) | RW_21-VP-8(641-642) | RW_21-VP-8(660-661) | RW_21-VP-8(680-681) | RW_21-VP-8(700-701) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **10.5** | **5.7 J** | **11.6** | **3.7 J** | **14.5** | **7.6 J** | **3.5 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | **0.59 J** | < 1.0 | **0.66 J** | < 1.0 | **0.71 J** | **0.51 J** | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.21 J** | < 1.0 | **0.24 J** | < 1.0 | **0.21 J** | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.22 J** | < 1.0 | **0.20 J** | < 1.0 | **0.22 J** | **0.21 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.77 J** | **0.25 J** | **0.38 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **12** | **6.0** | **13** | **3.7** | **16** | **8.3** | **3.5** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 337-338 | 347-348 | 347-348 | 391-392 | 407-408 | 430-431 | 446-447 |
| Sample Date: | | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/6/2015 | 4/6/2015 | 4/6/2015 | 4/7/2015 |
| Sample ID: | | RW-21_VP-9(337-338) | RW-21_VP-9(347-348) | REP040215SL | RW-21_VP-9(391-392) | RW-21_VP-9(407-408) | RW-21_VP-9(430-431) | RW-21_VP-9(446-447) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.66** | **0.76** | **1.2** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.0** | **0.49** | **0.59** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.0** | **1.1** | **0.95** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **19.3** | < 10 | < 10 | **10.4** | < 10 | < 10 | **6.1** |
| Benzene | 1 | **0.29** | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | **0.27** | < 2.0 | < 2.0 | **0.36** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.22** | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | **0.87** | < 1.0 | < 1.0 | **0.57** |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **1.4** | **2.9** | **1.3** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | **0.61** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.29** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | **0.64** | **0.59** | < 1.0 | **0.43** | < 1.0 | < 1.0 |
| Toluene | 5 | **0.61** | < 1.0 | < 1.0 | 0.47 | **1.2** | **0.31** | **0.78** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **4.7** | **6.5** | **6.4** | **6.3** | **123** | **87.5** | **62.8** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **26** | **7.1** | **7** | **18** | **130** | **93** | **75** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 467-468 | 491-492 | 507-508 | 530-531 | 556-557 | 567-568 | 591-592 |
| Sample Date: | | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/8/2015 | 4/8/2015 | 4/9/2015 |
| Sample ID: | | RW-21_VP-9(467-468) | RW-21_VP-9(491-492) | RW-21_VP-9(507-508) | RW-21_VP-9(530-531) | RW-21_VP-9(556-557) | RW-21_VP-9(567-568) | RW-21_VP-9(591-592) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.84** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.49** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **3.5** | < 1.0 | **1.3** | < 1.0 | **0.35** | **3.3** | < 1.0 |
| 1,1-Dichloroethene | 5 | **1.3** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.93** | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.39** | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **29.4** | < 10 | **12.0** | **5.9** | < 10 | **6.5** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.43** | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.25** | < 1.0 | < 1.0 | < 1.0 | **0.31** | **1.2** | **1.1** |
| Chloromethane | 5 | < 1.0 | **0.42** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **1.3** | **0.45** | < 1.0 | < 1.0 | **0.63** | **0.95** | **1.3** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.45** | **2.0** | **1.4** | **2.1** | **1.5** | **1.7** | **0.79** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **14.7** | **20.8** | **3.3** | **9.0** | **8.1** | **7.2** | **4.9** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **22** | **53** | **6** | **23** | **17** | **17** | **15** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-9 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 606-607 | 632-633 | 650-651 | 667-668 | 692-693 | 706-707 | 302-303 |
| Sample Date: | | 4/9/2015 | 4/9/2015 | 4/9/2015 | 4/9/2015 | 4/13/2015 | 4/13/2015 | 1/19/2015 |
| Sample ID: | | RW-21_VP-9(606-607) | RW-21_VP-9(632-633) | RW-21_VP-9 (650-651) | RW-21_VP-9 (667-668) | RW-21_VP-9(692-693) | RW-21_VP-9(706-707) | RW-21_VP-11(302-303) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.65** | **2.0** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | 0.81 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **3.9** | **8.2** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **1.9** | **4.9** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **2.4** | **4.3** | < 1.0 | **0.61** | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | < 10 | < 10 | **15.6** | < 10 | **15.9** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.79 J** | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | **0.51** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.65** |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | 11.2 | 14.5 | **0.40** | 3.2 | < 1.0 | < 1.0 | **0.39** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **29.4** | **123** | **3.2** | **7.0** | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | **0.47** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.55** | **0.71** | **0.87** | **30.6** | **0.40 J** | **0.26 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **64.9** | **241** | **19.8** | **1.1** | **0.26 J** | **3.4** | **4.3** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **110** | **400** | **24** | **43** | **16** | **4.5** | **21** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 322-323 | 322-323 | 345-346 | 350-351 | 365-366 | 382-383 | 402-403 |
| Sample Date: | | 1/19/2015 | 1/19/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/22/2015 |
| Sample ID: | | RW-21_VP-11(322-323) | REP011915SL | RW-21_VP-11(345-346) | RW-21_VP-11(350-351) | RW-21_VP-11(365-366) | RW-21_VP-11(382-383) | RW-21_VP-11(402-403) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.67** | **0.82** | < 1.0 | < 1.0 | **0.62** | < 1.0 | **1.0** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **2.5** | **2.7** | < 1.0 | < 1.0 | **4.7** | < 1.0 | **4.2** |
| 1,1-Dichloroethene | 5 | **0.99** | **1.2** | < 1.0 | < 1.0 | **0.65** | < 1.0 | 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | **13.0** | **12.9** | < 10 | **10.9** | < 10 |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | **0.34** | **0.36** | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.41** | **0.41** | **0.25** | < 1.0 | **0.26** | < 1.0 | **0.40** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **0.48** | **0.56** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | **0.23** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **173** | **195** | **2.7** | **3.1** | **14.3** | **2.0** | **20.7** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **180** | **200** | **17** | **16** | **21** | **13** | **27** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 422 | 442-443 | 462-463 | 482-483 | 512-513 | 512-513 | 522-523 |
| Sample Date: | | 1/22/2015 | 1/22/2015 | 1/22/2015 | 1/23/2015 | 2/3/2015 | 2/3/2015 | 2/4/2015 |
| Sample ID: | | RW-21_VP-11(422-423) | RW-21_VP-11(442-443) | RW-21_VP-11(462-463) | RW-21_VP-11(482-483) | RW-21_VP-11(512-513) | REP020315SL | RW-21_VP-11(522-523) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | **0.95** | < 1.0 | **1.7** | **1.8** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | **4.3** | **2.3** | **8.8** | **8.8** | **0.96** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | **0.92** | < 1.0 | **2.5** | **2.5** | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | **5.2** | **5.3** | **8.6** |
| 4-Methyl-2-Pentanone | NE | < 5.0 | **3.1** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **28.0** | **3.6** | **11.3** | **5.8** | **4.8** | **50.7** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | **0.36** | < 1.0 | < 1.0 | **0.45** |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | **0.41** | < 2.0 | **0.35** | < 2.0 | < 2.0 | **0.46** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | **0.42** | **0.58** | **0.52** | **0.55** | **0.31** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.33** |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.64** | **0.72** | **0.82** |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.26** | **0.22** | **0.47** |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | **0.23** | < 1.0 | **0.36** | < 1.0 | < 1.0 | **0.45** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **1.7** | **5.9** | **5.9** | **1.7** | **4.3** | **4.1** | **0.66** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **1.7** | **38** | **16** | **17** | **30** | **29** | **64** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 547-548 | 562-563 | 582-583 | 603-604 | 623-624 | 642-643 | 686-687 |
| Sample Date: | | 2/4/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/5/2015 | 2/11/2015 | 2/12/2015 |
| Sample ID: | | RW-21_VP-11(547-548) | RW-21_VP-11(562-563) | RW-21_VP-11(582-583) | RW-21_VP-11(603-604) | RW-21_VP-11(623-624) | RW-21_VP-11(642-643) | RW-21_VP-11(686-687) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.80** | < 1.0 | < 1.0 | **2.2** | < 1.0 | < 4.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | **1.2** | < 1.0 | < 4.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **3.0** | < 1.0 | < 1.0 | **6.0** | < 1.0 | **1.8** | < 1.0 |
| 1,1-Dichloroethene | 5 | **1.4** | < 1.0 | < 1.0 | **5.4** | < 1.0 | < 4.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **0.50** | < 1.0 | < 1.0 | **7.1** | < 1.0 | **4.5** | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | **0.88** | < 1.0 | < 4.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 40 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| Acetone | 50 | **13.3** | **11.6** | **8.6** | **3.8** | **9.0** | < 40 | **6.7** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | **0.32** | < 1.0 | < 4.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 16 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 8.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 8.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | **0.28** | < 1.0 | < 4.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Chloroform | 7 | **0.89** | < 1.0 | < 1.0 | **18.9** | **0.72** | 3.8 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **3.6** | < 1.0 | < 1.0 | 105 | **3.1** | **75.5** | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 8.0 | < 2.0 |
| Ethylbenzene | 5 | **0.90** | **0.98** | **0.37** | < 1.0 | **0.45** | < 4.0 | < 1.0 |
| m,p-Xylene | 5 | **4.0** | **3.7** | **0.74** | **0.54** | **1.6** | < 4.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| o-Xylene | 5 | **1.6** | **1.6** | **0.39** | **0.25** | **0.84** | < 4.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 20 | < 5.0 |
| Tetrachloroethene | 5 | **0.53** | < 1.0 | < 1.0 | **0.70** | < 1.0 | < 4.0 | < 1.0 |
| Toluene | 5 | **0.47** | **0.64** | **0.41** | **0.24** | **0.92** | < 4.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | 0.81 | < 1.0 | < 4.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| Trichloroethene | 5 | **14.8** | **0.51** | **2.0** | **540** | **14.4** | **1870** | **0.29** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 4.0 | < 1.0 |
| **TVOCs** | | **46** | **19** | **13** | **690** | **31** | **2000** | **7** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 701-702 | 711-712 | 742-743 | 752-753 | 762-764 | 767-768 | 771-772 |
| Sample Date: | | 2/12/2015 | 2/18/2015 | 3/11/2015 | 3/11/2015 | 3/11/2015 | 3/12/2015 | 3/12/2015 |
| Sample ID: | | RW-21_VP-11(701-702) | RW-21_VP-11(711-712) | RW-21_VP-11(742-743) | RW-21_VP-11(752-753) | RW-21_VP-11(762-764) | RW-21_VP-11(767-768) | RW-21_VP-11(771-772) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | **6.3** | < 5.0 | **1.7** | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **8.8** | **6.0** | < 10 | **8.2** | **2.7** | **6.2** | **4.1** |
| Benzene | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.22** | < 2.0 | **0.23** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | **0.22** | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | **0.36** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | **0.70** | < 1.0 | < 1.0 | **0.67** | < 1.0 | 0.38 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.48** | < 1.0 | < 1.0 | **0.43** | < 1.0 | **0.26** | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.92** | < 1.0 | **0.44** | **0.66** | **0.39** | **0.66** | **0.29** |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **4.2** | **1.1** | < 1.0 | **0.64** | < 1.0 | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **15** | **13** | **0.44** | **13** | **3.3** | **7.5** | **4.6** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 | RW-21_VP-11 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 771-772 | 777-778 | 781-782 | 796-797 | 806-807 | 812-813 | 817-818 |
| Sample Date: | | 3/12/2015 | 3/12/2015 | 3/12/2015 | 3/12/2015 | 3/13/2015 | 3/16/2015 | 3/16/2015 |
| Sample ID: | | REP031215SL | RW-21_VP-11(777-778) | RW-21_VP-11(781-782) | RW-21_VP-11 (796-797) | RW-21_VP-11 (806-807) | RW-21_VP-11(812-813) | RW-21_VP-11(817-818) |
| Constituent | NYSDEC SCGs | | | | | | | |
| Units in (ug/L) | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | **4.3** | **8.6** | **15.8** | < 10 | **9.5** | **7.5** | **4.9** |
| Benzene | 1 | < 1.0 | 0.23 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | **0.37** | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **0.34** | **0.23** |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | **0.21** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | 0.53 | < 1.0 | < 1.0 | **0.44** | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | **0.21** | **0.37** | **0.28** | < 1.0 | **0.20** | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | **0.49** | **0.84** | **0.52** | < 1.0 | **0.32** | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | < 1.0 | **0.47** | **0.53** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **5.4** | **11** | **17** | **0.0** | **11** | **7.8** | **5.1** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 300-301 | 320-321 | 340-341 | 340-341 | 360-361 | 380-381 | 400-401 |
| Sample Date: | | 10/6/2015 | 10/6/2015 | 10/6/2015 | 10/6/2015 | 10/6/2015 | 10/7/2015 | 10/7/2015 |
| Sample ID: | | RW-21_VP-12(300-301) | RW-21_VP-12(320-321) | RW-21_VP-12(340-341) | REP100615AM1 | RW-21_VP-12(360-361) | RW-21_VP-12 (380-381) | RW-21_VP-12 (400-401) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.38 J** | < 1.0 | **0.30 J** | **0.36 J** | **0.43 J** | **0.94 J** | **0.98 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.69 J** | **0.22 J** | **0.41 J** | **0.43 J** | **0.66 J** | **2.1** | **2.1** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.87 J** | **0.73 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **3.9 J** | < 10 | < 10 | < 10 | **4.8 J** | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.25 J** | **0.20 J** | **0.24 J** | **0.31 J** | **0.43 J** | **0.78 J** | **0.59 J** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | **0.41 J** | **0.52 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.65 J** | < 1.0 | **2.2** | **2.8** | **7.5** | **19.3** | **24.8** |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **2.4** | **4.8** | **3.2** | **3.9** | **9** | **29** | **29** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 420-421 | 440-441 | 461-462 | 481-482 | 500-501 | 525-526 | 540-541 |
| Sample Date: | | 10/7/2015 | 10/7/2015 | 10/8/2015 | 10/8/2015 | 10/12/2015 | 10/12/2015 | 10/12/2015 |
| Sample ID: | | RW-21_VP-12 (420-421) | RW-21_VP-12 (440-441) | RW-21_VP12(461-462) | RW-21_VP12(481-482) | RW_21-VP-12(500-501) | RW_21-VP-12(525-526) | RW_21-VP-12(540-541) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **1.9** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **7.6** | < 1.0 | **0.73 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **2.2** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **1.7** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | **4.8 J** | < 10 | < 10 | **5.1 J** | **9.0 J** | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.88 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | **0.75 J** | **0.62 J** | **1.8** | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **9.3** | < 1.0 | **0.36 J** | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **0.28 J** | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **72.9** | **1.1** | **4.0** | **0.28 J** | < 1.0 | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **96** | **5.9** | **5.8** | **0.9** | **6.9** | **9.28** | **0.0** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 | RW-21_VP-12 |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 560-561 | 580-581 | 600-601 | 620-621 | 640-641 | 660-661 | 680-681 |
| Sample Date: | | 10/13/2015 | 10/13/2015 | 10/13/2015 | 10/13/2015 | 10/13/2015 | 10/14/2015 | 10/14/2015 |
| Sample ID: | | RW_21-VP-12(560-561) | RW_21-VP-12(580-581) | RW_21-VP-12(600-601) | RW_21-VP-12(620-621) | RW_21-VP-12(640-641) | RW_21-VP-12 (660-661) | RW_21-VP-12 (680-681) |
| Constituent<br>Units in (ug/L) | NYSDEC SCGs | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | < 10 | < 10 | **6.4 J** | **6.5 J** | < 10 | **4.2 J** | **8.2 J** |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.30 J** | **0.17 J** | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.38 J** | < 1.0 | < 1.0 | **0.33 J** | **0.37 J** | < 1.0 | < 1.0 |
| Vinyl chloride | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **0.38** | **0.0** | **6.4** | **7.13** | **0.54** | **4.2** | **8.2** |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

| Sample Location: | | RW-21_VP-12 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Sample Depth (ft bls): | | 700-701 | | | | | | |
| Sample Date: | | 10/14/2015 | | | | | | |
| Sample ID: | | RW_21-VP-12 (700-701) | | | | | | |
| **Constituent** | | | | | | | | |
| **Units in (ug/L)** | | | | | | | | |
| | **NYSDEC SCGs** | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | | | | | | |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | | | | | | |
| 1,1,2-Trichloroethane | 1 | < 1.0 | | | | | | |
| 1,1-Dichloroethane | 5 | < 1.0 | | | | | | |
| 1,1-Dichloroethene | 5 | < 1.0 | | | | | | |
| 1,2-Dichloroethane | 0.6 | < 1.0 | | | | | | |
| 1,2-Dichloropropane | 1 | < 1.0 | | | | | | |
| 2-Butanone (MEK) | 50 | < 10 | | | | | | |
| 4-Methyl-2-Pentanone | NE | < 5.0 | | | | | | |
| Acetone | 50 | **6.5 J** | | | | | | |
| Benzene | 1 | < 0.50 | | | | | | |
| Bromodichloromethane | 50 | < 1.0 | | | | | | |
| Bromoform | 50 | < 1.0 | | | | | | |
| Bromomethane | 5 | < 2.0 | | | | | | |
| Carbon Disulfide | 60 | < 2.0 | | | | | | |
| Carbon Tetrachloride | 5 | < 1.0 | | | | | | |
| CFC-12 | 5 | < 2.0 | | | | | | |
| Chlorobenzene | 5 | < 1.0 | | | | | | |
| Chlorodibromomethane | 50 | < 1.0 | | | | | | |
| Chlorodifluoromethane | 5 | < 5.0 | | | | | | |
| Chloroethane | 5 | < 1.0 | | | | | | |
| Chloroform | 7 | < 1.0 | | | | | | |
| Chloromethane | 5 | < 1.0 | | | | | | |
| cis-1,2-Dichloroethene | 5 | < 1.0 | | | | | | |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | | | | | | |
| Dichloromethane | 5 | < 2.0 | | | | | | |
| Ethylbenzene | 5 | < 1.0 | | | | | | |
| m,p-Xylene | 5 | < 1.0 | | | | | | |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | | | | | | |
| o-Xylene | 5 | < 1.0 | | | | | | |
| Styrene (Monomer) | 5 | < 1.0 | | | | | | |
| Tetrachloroethene | 5 | < 1.0 | | | | | | |
| Toluene | 5 | < 1.0 | | | | | | |
| trans-1,2-Dichloroethene | 5 | < 1.0 | | | | | | |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | | | | | | |
| Trichloroethene | 5 | < 1.0 | | | | | | |
| Vinyl chloride | 2 | < 1.0 | | | | | | |
| **TVOCs** | | **6.5** | | | | | | |

**Notes and Abbreviations on last page**

**Table 4**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Vertical Profile Borings, Pre-Design Sampling for the RW-21 Area, Northrop Grumman Systems Corporation,**
**Operable Unit 3 (Former Grumman Settling Ponds),**
**Bethpage, New York.**

**Notes and Abbreviations:**

1. Results validated following protocols specified in May 2014 Pre-Design Work Plan for Groundwater Hotspot (ARCADIS, 2014).
2. Samples analyzed for the TCL VOCs using USEPA Method 8260.
3. TVOCs represent sum of VOCs and are rounded to two significant figures. 1,4-dioxane not included in sum of VOCs.

**Bold value indicates a detection**

| | |
|---|---|
| | Indicates an exceedance of an SCG |
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Enviromental Protection Agency |
| TCL | Target compound list |
| VOCs | Volatile organic compounds |
| SCGs | Standard, criteria, and guidance values |
| ft bls | Feet below land surface |
| ug/L | Micrograms per liter |
| TVOCs | Total volatile organic compounds |
| NE | Not established |
| REP | Field replicate |
| J | Value is estimated |
| D | Value from a secondary dilution |
| -- | Not analyzed |
| B | Compound detected in associated blank sample |
| <10.0 | Compound not detected above its laboratory quantification limit |

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-1<br>Sample Date: 9/15/2015<br>Sample Depth (ft bls): 615-625<br>Sample ID: RW-21-MW-1_20150915 | Sample Location: RW-21_MW-1<br>Sample Date: 12/22/2015<br>Sample Depth (ft bls): 615-625<br>Sample ID: RW_21-MW-1_20151222 | Sample Location: RW-21_MW-2<br>Sample Date: 9/22/2015<br>Sample Depth (ft bls): 600-610<br>Sample ID: RW-21_MW-2_20150922 | Sample Location: RW-21_MW-2<br>Sample Date: 12/16/2015<br>Sample Depth (ft bls): 600-610<br>Sample ID: REP121615PP1 | Sample Location: RW-21_MW-2<br>Sample Date: 12/16/2015<br>Sample Depth (ft bls): 600-610<br>Sample ID: RW-21_MW-2_20151216 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 25 | **4.2** | **4.3 J** | **4.5** | **4.4** |
| 1,1,2,2-Tetrachloroethane | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 130 | <5.0 | < 50 | **0.80 J** | **0.91 J** |
| 1,1,2-Trichloroethane | 1 | < 25 | **2.8** | < 10 | **2.2** | **2.1** |
| 1,1-Dichloroethane | 5 | < 25 | **9.2** | **9.1 J** | **9.8** | **9.8** |
| 1,1-Dichloroethene | 5 | < 25 | **10.5** | **10.3** | **12.3** | **12.2** |
| 1,2-Dichloroethane | 0.6 | **9.7 J** | **13.5** | **15.2** | **11.9** | **11.9** |
| 1,2-Dichloropropane | 1 | < 25 | **4.2** | < 10 | **2.8** | **2.7** |
| 2-Butanone (MEK) | 50 | < 250 | <10 | < 100 | <10 | <10 |
| 4-Methyl-2-Pentanone | NE | < 130 | <5.0 | < 50 | <5.0 | <5.0 |
| Acetone | 50 | < 250 | <10 | < 100 | <10 | <10 |
| Benzene | 1 | < 13 | <0.50 | < 5.0 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Bromoform | 50 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Bromomethane | 5 | < 50 | <2.0 | < 20 | <2.0 | <2.0 |
| Carbon Disulfide | 60 | < 50 | **0.27 J** | < 20 | <2.0 | <2.0 |
| Carbon Tetrachloride | 5 | < 25 | **0.35 J** | < 10 | **0.62 J** | **0.60 J** |
| CFC-12 | 5 | < 50 | <2.0 | < 20 | <2.0 | <2.0 |
| Chlorobenzene | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Chlorodibromomethane | 50 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Chlorodifluoromethane | 5 | < 130 | <5.0 | < 50 | <5.0 | <5.0 |
| Chloroethane | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Chloroform | 7 | **8.8 J** | **8.0** | **9.0 J** | **7.1** | **7.1** |
| Chloromethane | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| cis-1,2-Dichloroethene | 5 | **335** | **364** | **367** | **343** | **343** |
| cis-1,3-Dichloropropene | 0.4 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Dichloromethane | 5 | < 50 | <2.0 | < 20 | <2.0 | <2.0 |
| Ethylbenzene | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| m,p-Xylene | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 130 | <5.0 | < 50 | <5.0 | <5.0 |
| o-Xylene | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Styrene (Monomer) | 5 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | < 25 | **1.8** | **8.8 J** | **5.7** | **5.9** |
| Toluene | 5 | < 25 | **0.36 J** | < 10 | **0.17 J** | **0.16 J** |
| trans-1,2-Dichloroethene | 5 | < 25 | **1.6** | < 10 | **1.3** | **1.3** |
| trans-1,3-Dichloropropene | 0.4 | < 25 | <1.0 | < 10 | <1.0 | <1.0 |
| Trichloroethene | 5 | **3550 J** | **2600** | **4160** | **2640** | **2740** |
| Vinyl chloride | 2 | < 25 | <1.0 | < 10 | **0.23 J** | **0.25 J** |
| **TVOC** | | **3900** | **3000** | **4600** | **3000** | **3100** |
| 1,4-Dioxane | NE | **17.7** | **22.6** | **24.3** | **27.0** | **23.1** |

Footnotes on last page.

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-3-1<br>Sample Date: 5/7/2015<br>Sample Depth (ft bls): 556-566<br>Sample ID: RW-21-MW-3_20150507 | Sample Location: RW-21_MW-3-1<br>Sample Date: 12/17/2015<br>Sample Depth (ft bls): 556-566<br>Sample ID: RW_21-MW-3-1_20151217 | Sample Location: RW-21_MW-3-2<br>Sample Date: 6/11/2015<br>Sample Depth (ft bls): 595-605<br>Sample ID: RW-21-MW-3-2 (061115) | Sample Location: RW-21_MW-3-2<br>Sample Date: 12/17/2015<br>Sample Depth (ft bls): 595-605<br>Sample ID: RW_21-MW-3-2_20151217 | Sample Location: RW-21_MW-4<br>Sample Date: 1/9/2015<br>Sample Depth (ft bls): 369-384<br>Sample ID: RW_21_MW-4_20150109 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 100 | **11.4 J** | < 20 | **4.0 J** | **2.7** |
| 1,1,2,2-Tetrachloroethane | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 500 | < 100 | < 100 | <50 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 100 | **8.9 J** | < 20 | **3.9 J** | **0.42** |
| 1,1-Dichloroethane | 5 | **29.7 J** | **29.9** | **6.8 J** | **7.4 J** | **10** |
| 1,1-Dichloroethene | 5 | < 100 | **31.6** | < 20 | **8.3 J** | **6.5** |
| 1,2-Dichloroethane | 0.6 | **39.7 J** | **40.6** | **8.7 J** | **11.6** | **3.1** |
| 1,2-Dichloropropane | 1 | < 100 | **15.6 J** | < 20 | **5.2 J** | < 1.0 |
| 2-Butanone (MEK) | 50 | < 1000 | < 200 | < 200 | <100 | < 10 |
| 4-Methyl-2-Pentanone | NE | < 500 | < 100 | < 100 | <50 | < 5.0 |
| Acetone | 50 | < 1000 | < 200 | < 200 | <100 | < 10 |
| Benzene | 1 | < 50 | < 10 | < 10 | <5.0 | < 1.0 |
| Bromodichloromethane | 50 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Bromoform | 50 | < 100 | < 20 | < 20 | <10 | < 4.0 |
| Bromomethane | 5 | < 200 | < 40 | < 40 | <20 | < 2.0 |
| Carbon Disulfide | 60 | < 200 | < 40 | < 40 | <20 | < 2.0 |
| Carbon Tetrachloride | 5 | < 100 | 5.2 J | < 20 | <10 | **0.70** |
| CFC-12 | 5 | < 200 | < 40 | < 40 | <20 | < 5.0 |
| Chlorobenzene | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Chlorodibromomethane | 50 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Chlorodifluoromethane | 5 | -- | < 100 | < 100 | <50 | < 5.0 |
| Chloroethane | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Chloroform | 7 | **24.9 J** | **27.2** | **6.6 J** | **10.1** | **2.4** |
| Chloromethane | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **913** | **842** | **172** | **161** | **295** |
| cis-1,3-Dichloropropene | 0.4 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Dichloromethane | 5 | < 200 | < 40 | < 40 | <20 | < 2.0 |
| Ethylbenzene | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| m,p-Xylene | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 500 | < 100 | < 100 | <50 | < 5.0 |
| o-Xylene | 5 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Styrene (Monomer) | 5 | < 100 | < 20 | < 20 | <10 | < 5.0 |
| Tetrachloroethene | 5 | < 100 | < 20 | < 20 | <10 | **2.3** |
| Toluene | 5 | < 100 | < 20 | < 20 | <10 | **0.90** |
| trans-1,2-Dichloroethene | 5 | < 100 | < 20 | < 20 | <10 | **1.8** |
| trans-1,3-Dichloropropene | 0.4 | < 100 | < 20 | < 20 | <10 | < 1.0 |
| Trichloroethene | 5 | **13700** | **8870 D** | **5270** | **3220** | **647** |
| Vinyl chloride | 2 | < 100 | **< 20** | < 20 | <10 | < 1.0 |
| **TVOC** | | **15000** | **9900** | **5500** | **3400** | **970** |
| 1,4-Dioxane | NE | -- | **114D** | -- | **42.8** | -- |

Footnotes on last page.

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-4<br>Sample Date: 12/15/2015<br>Sample Depth (ft bls): 369-384<br>Sample ID: RW_21-MW-4_20151215 | Sample Location: RW-21_MW-5-1<br>Sample Date: 7/28/2015<br>Sample Depth (ft bls): 300-310<br>Sample ID: RW-21_MW-5-1_20150728 | Sample Location: RW-21_MW-5-1<br>Sample Date: 12/15/2015<br>Sample Depth (ft bls): 300-310<br>Sample ID: RW_21-MW-5-1_20151215 | Sample Location: RW-21_MW-5-2<br>Sample Date: 7/29/2015<br>Sample Depth (ft bls): 560-570<br>Sample ID: RW-21_MW-5-2_20150729 | Sample Location: RW-21_MW-5-2<br>Sample Date: 12/15/2015<br>Sample Depth (ft bls): 560-570<br>Sample ID: RW_21-MW-5-2_20151215 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | **0.94 J** | < 1.0 | <1.0 | **0.35 J** | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | <5.0 | **1.9 J** | **0.77 J** | < 5.0 | <5.0 |
| 1,1,2-Trichloroethane | 1 | **0.22 J** | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **5.2** | < 1.0 | <1.0 | **3.9** | **2.6** |
| 1,1-Dichloroethene | 5 | **3.1** | < 1.0 | <1.0 | **1.2** | **0.65 J** |
| 1,2-Dichloroethane | 0.6 | **1.5** | < 1.0 | <1.0 | **1.5** | **1.3** |
| 1,2-Dichloropropane | 1 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | < 10 | <10 | < 10 | <10 |
| 4-Methyl-2-Pentanone | NE | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 | <10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 60 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Tetrachloride | 5 | **0.23 J** | < 1.0 | <1.0 | **1.1** | **0.64 J** |
| CFC-12 | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorodibromomethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorodifluoromethane | 5 | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | **1.2** | < 1.0 | <1.0 | **4.6** | **3.4** |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-Dichloroethene | 5 | **181** | **0.76 J** | **0.36 J** | **6.2** | **4.3** |
| cis-1,3-Dichloropropene | 0.4 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Dichloromethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| m,p-Xylene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| o-Xylene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Styrene (Monomer) | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | **0.79 J** | **2.6** | **1.7** | < 1.0 | <1.0 |
| Toluene | 5 | **0.71 J** | < 1.0 | <1.0 | < 1.0 | **0.39 J** |
| trans-1,2-Dichloroethene | 5 | **0.87 J** | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-Dichloropropene | 0.4 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethene | 5 | **249** | **85.3** | **47.3** | **18.5** | **8.6** |
| Vinyl chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOC** | | **440** | **91** | **50** | **37** | **22** |
| 1,4-Dioxane | NE | **4.70** | -- | **4.52** | -- | **1.25** |

Footnotes on last page.

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-6<br>Sample Date: 7/27/2015<br>Sample Depth (ft bls): 604-624<br>Sample ID: RW-21_MW-6_20150727 | RW-21_MW-6<br>12/16/2015<br>604-624<br>RW_21-MW-6_20151216 | RW-21_MW-7<br>3/30/2015<br>580-590<br>RW-21-VP-7-MW-7_20150330 | RW-21_MW-7<br>12/17/2015<br>580-590<br>RW_21-MW-7_20151217 | RW-21_MW-8<br>12/2/2015<br>460-470<br>RW-21-MW-8_20151202 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | **1.7 J** | **2.3** | < 50 | <50 | **2.9 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 25 | <5.0 | < 250 | <250 | < 25 |
| 1,1,2-Trichloroethane | 1 | **3.8 J** | **2.8** | < 50 | <50 | < 5.0 |
| 1,1-Dichloroethane | 5 | **4.2 J** | **6.5** | < 50 | **14.6 J** | **15.0** |
| 1,1-Dichloroethene | 5 | **5.7** | **7.0** | < 50 | <50 | **9.3** |
| 1,2-Dichloroethane | 0.6 | **17.7** | **16.8** | **24.6** | **35.1 J** | **4.6 J** |
| 1,2-Dichloropropane | 1 | **4.4 J** | **3.0** | < 50 | <50 | < 5.0 |
| 2-Butanone (MEK) | 50 | < 50 | **26.3** | < 500 | <500 | < 50 |
| 4-Methyl-2-Pentanone | NE | < 25 | **2.9 J** | < 250 | <250 | < 25 |
| Acetone | 50 | < 50 | <10 | < 500 | <500 | < 50 |
| Benzene | 1 | < 2.5 | <0.50 | < 50 | <25 | < 2.5 |
| Bromodichloromethane | 50 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Bromoform | 50 | < 5.0 | <1.0 | < 200 | <50 | < 5.0 |
| Bromomethane | 5 | < 10 | <2.0 | < 100 | <100 | < 10 |
| Carbon Disulfide | 60 | < 10 | <2.0 | < 100 | <100 | < 10 |
| Carbon Tetrachloride | 5 | < 5.0 | **0.60 J** | < 50 | <50 | < 5.0 |
| CFC-12 | 5 | < 10 | <2.0 | < 250 | <100 | < 10 |
| Chlorobenzene | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Chlorodibromomethane | 50 | < 5.0 | **2.6** | < 50 | <50 | < 5.0 |
| Chlorodifluoromethane | 5 | < 25 | <5.0 | < 250 | <250 | < 25 |
| Chloroethane | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Chloroform | 7 | **18.0** | **19.0** | **24.1** | **29.3 J** | **4.0 J** |
| Chloromethane | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| cis-1,2-Dichloroethene | 5 | **563** | **449** | **477** | **523** | **314** |
| cis-1,3-Dichloropropene | 0.4 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Dichloromethane | 5 | < 10 | <2.0 | < 100 | <100 | < 10 |
| Ethylbenzene | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| m,p-Xylene | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 25 | <5.0 | < 250 | <250 | < 25 |
| o-Xylene | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Styrene (Monomer) | 5 | < 5.0 | <1.0 | < 250 | <50 | < 5.0 |
| Tetrachloroethene | 5 | **6.1** | **3.6** | < 50 | <50 | < 5.0 |
| Toluene | 5 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| trans-1,2-Dichloroethene | 5 | **5.9** | **1.7** | < 50 | <50 | **3.3 J** |
| trans-1,3-Dichloropropene | 0.4 | < 5.0 | <1.0 | < 50 | <50 | < 5.0 |
| Trichloroethene | 5 | **3030** | **1800** | **5380** | **6490** | **589** |
| Vinyl chloride | 2 | < 5.0 | **0.29 J** | < 50 | <50 | < 5.0 |
| **TVOC** | | **3700** | **2300** | **5900** | **7100** | **940** |
| 1,4-Dioxane | NE | -- | **15.8** | -- | **75.1** | **6.9** |

Footnotes on last page.

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-8<br>Sample Date: 12/21/2015<br>Sample Depth (ft bls): 460-470<br>Sample ID: RW-21_MW-8_20151221 | RW-21_MW-9<br>5/14/2015<br>630-640<br>RW-21-MW-9_20150514 | RW-21_MW-9<br>12/18/2015<br>630-640<br>RW_21_MW-9_20151218 | RW-21_MW-11<br>4/3/2015<br>638-648<br>RW-21-VP-11-MW-11_20150403 | RW-21_MW-11<br>12/18/2015<br>638-648<br>RW_21_MW-11_20151218 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | **2.8** | **1.9** | **2.0** | **0.92 J** | <5.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | <5.0 | < 5.0 | <5.0 | < 5.0 | <25 |
| 1,1,2-Trichloroethane | 1 | <1.0 | **1.4** | **1.2** | **1.0** | <5.0 |
| 1,1-Dichloroethane | 5 | **14.4** | **7.6** | **9.5** | **2.0** | **1.5 J** |
| 1,1-Dichloroethene | 5 | **8.8** | **5.5** | **5.6** | **2.6** | <5.0 |
| 1,2-Dichloroethane | 0.6 | **4.1** | **6.3** | **6.5** | **4.0** | **3.7 J** |
| 1,2-Dichloropropane | 1 | **0.74 J** | **0.75 J** | **0.71 J** | **2.3** | <5.0 |
| 2-Butanone (MEK) | 50 | <10 | < 10 | <10 | < 10 | <50 |
| 4-Methyl-2-Pentanone | NE | <5.0 | < 5.0 | <5.0 | < 5.0 | <25 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 | <50 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 | <2.5 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <10 |
| Carbon Disulfide | 60 | <2.0 | < 2.0 | <2.0 | < 2.0 | <10 |
| Carbon Tetrachloride | 5 | **0.93 J** | **0.61 J** | **0.38 J** | **0.28 J** | <5.0 |
| CFC-12 | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <10 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Chlorodibromomethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Chlorodifluoromethane | 5 | <5.0 | < 5.0 | <5.0 | < 5.0 | <25 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Chloroform | 7 | **3.3** | **16.2** | **16.0** | **3.5** | **4.9 J** |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| cis-1,2-Dichloroethene | 5 | **322** | **174** | **157** | **75.6** | **63.2** |
| cis-1,3-Dichloropropene | 0.4 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Dichloromethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <10 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| m,p-Xylene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 | <25 |
| o-Xylene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Styrene (Monomer) | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Tetrachloroethene | 5 | **0.57 J** | **1.0** | <1.0 | **1.2** | <5.0 |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| trans-1,2-Dichloroethene | 5 | **1.4** | **1.3** | **0.83 J** | **0.73 J** | <5.0 |
| trans-1,3-Dichloropropene | 0.4 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| Trichloroethene | 5 | **452** | **643** | **450** | **1910 D** | **1360** |
| Vinyl chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 | <5.0 |
| **TVOC** | | **810** | **860** | **650** | **2000** | **1400** |
| 1,4-Dioxane | NE | **8.38** | -- | **5.88** | -- | **6.64** |

Footnotes on last page.

| Constituent (unit in ug/L) | NYSDEC SCGs | Sample Location: RW-21_MW-12-1<br>Sample Date: 11/10/2015<br>Sample Depth (ft bls): 415-425<br>Sample ID: RW-21_MW 12-1_20151110 | Sample Location: RW-21_MW-12-1<br>Sample Date: 12/14/2015<br>Sample Depth (ft bls): 415-425<br>Sample ID: RW_21-MW-12-1_20151214 | Sample Location: RW-21_MW-12-2<br>Sample Date: 11/3/2015<br>Sample Depth (ft bls): 590-600<br>Sample ID: RW-21_MW-12-2 | Sample Location: RW-21_MW-12-2<br>Sample Date: 1/11/2016<br>Sample Depth (ft bls): 590-600<br>Sample ID: RW-21_MW-12-2_20160111 | |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | **2.5** | **3.1** | < 1.0 | < 1.0 | |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| 1,1,2-trichloro-1,2,2-trifluoroethane | 5 | < 5.0 | <5.0 | < 5.0 | < 5.0 | |
| 1,1,2-Trichloroethane | 1 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| 1,1-Dichloroethane | 5 | **8.3** | **9.5** | < 1.0 | < 1.0 | |
| 1,1-Dichloroethene | 5 | **2.7** | **3.6** | < 1.0 | < 1.0 | |
| 1,2-Dichloroethane | 0.6 | **1.7** | **2.0** | < 1.0 | < 1.0 | |
| 1,2-Dichloropropane | 1 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| 2-Butanone (MEK) | 50 | < 10 | <10 | < 10 | < 10 | |
| 4-Methyl-2-Pentanone | NE | < 5.0 | <5.0 | < 5.0 | < 5.0 | |
| Acetone | 50 | < 10 | <10 | < 10 | < 10 | |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | < 0.50 | |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | < 2.0 | |
| Carbon Disulfide | 60 | < 2.0 | <2.0 | < 2.0 | < 2.0 | |
| Carbon Tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| CFC-12 | 5 | < 2.0 | <2.0 | < 2.0 | < 2.0 | |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Chlorodibromomethane | 50 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Chlorodifluoromethane | 5 | < 5.0 | <5.0 | < 5.0 | < 5.0 | |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Chloroform | 7 | **1.1** | **1.1** | < 1.0 | < 1.0 | |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| cis-1,2-Dichloroethene | 5 | **11.2** | **14.1** | < 1.0 | < 1.0 | |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Dichloromethane | 5 | < 2.0 | <2.0 | < 2.0 | < 2.0 | |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| m,p-Xylene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | < 5.0 | <5.0 | < 5.0 | < 5.0 | |
| o-Xylene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Styrene (Monomer) | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Tetrachloroethene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Toluene | 5 | **0.43 J** | <1.0 | < 1.0 | < 1.0 | |
| trans-1,2-Dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | <1.0 | < 1.0 | < 1.0 | |
| Trichloroethene | 5 | **98.0** | **103** | < 1.0 | < 1.0 | |
| Vinyl chloride | 2 | < 1.0 | <1.0 | < 1.0 | <1.0 | |
| **TVOC** | | **130** | **130** | 0 | 0 | |
| 1,4-Dioxane | NE | **2.5** | **4.73** | -- | <0.10 | |

Footnotes on last page.

Northrop Grumman Systems Corporation

# 2015 ANNUAL OPERATION, MAINTENANCE AND MONITORING REPORT

Operable Unit 2
Bethpage, New York
NYSDEC Sites # 1-30-003A and 1-30-003B

March 31, 2016

| Constituents units in (µg/L) | Location ID: / Sample ID: / Sample Date: | WELL 1 / WELL 1 / 3/16/2015 | WELL 1 / WELL 1 / 5/5/2015 | WELL 1 / WELL 1 / 9/9/2015 | WELL 1 / WELL 1 / 12/15/2015 |
|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | | |
| 1,1,1-Trichloroethane | 5 | **0.48 J** | <5.0 | <5.0 | <5.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| 1,1-Dichloroethane | 5 | **0.94 J** | <5.0 | <5.0 | <5.0 |
| 1,1-Dichloroethene | 5 | **3.5** | <5.0 | **2.8 J** | <5.0 |
| 1,2-Dichloroethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| 1,2-Dichloropropane | 5 | **5.1** | **5.0** | **5.0** | **3.8 J** |
| 2-Butanone (MEK) | 50 | < 10 | <50 | <50 | <50 |
| 2-Hexanone (MBK) | 50 | < 5.0 | <25 | <25 | <25 |
| 4-methyl-2-pentanone (MIK) | 50 | < 5.0 | <25 | <25 | <25 |
| Acetone | 50 | < 10 | <50 | <50 | <50 |
| Benzene | 1 | < 1.0 | <2.5 | <2.5 | <2.5 |
| Bromodichloromethane | 50 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Bromoform | 50 | < 4.0 | <5.0 | <5.0 | <5.0 |
| Bromomethane | 5 | < 2.0 | <10 | <10 | <10 |
| Carbon Disulfide | 50 | < 2.0 | <10 | <10 | <10 |
| Carbon tetrachloride | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Chlorobenzene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Chloroethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Chloroform | 7 | **0.27 J** | <5.0 | <5.0 | <5.0 |
| Chloromethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| cis-1,2-dichloroethene | 5 | **4.9** | **4.6 J** | **4.6 J** | **5.5** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Dibromochloromethane | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Ethylbenzene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Methylene Chloride | 5 | < 2.0 | <10 | <10 | <10 |
| Styrene | 5 | < 5.0 | <5.0 | <5.0 | <5.0 |
| Tetrachloroethene | 5 | **40.9** | **31** | **35.4** | **30.9** |
| Toluene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Trichloroethylene | 5 | **713 D** | **748** | **852** | **768** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **5.7** | **2.8 J** | **4.3 J** | **2.8 J** |
| Vinyl Chloride | 2 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Xylene-o | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| Xylenes - m,p | 5 | < 1.0 | <5.0 | <5.0 | <5.0 |
| **Total VOCs [4]** | | **770** | **790** | **900** | **810** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 3R<br>WELL 3R<br>3/16/2015 | WELL 3R<br>WELL 3R<br>5/5/2015 | WELL 3R<br>WELL 3R<br>9/9/2015 | WELL 3R<br>WELL 3R<br>12/15/2015 |
|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | | |
| 1,1,1-Trichloroethane | 5 | **1.1** | <4.0 | <5.0 | <5.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| 1,1-Dichloroethane | 5 | **1.8** | <4.0 | **1.3 J** | <5.0 |
| 1,1-Dichloroethene | 5 | **6.0** | **3.6 J** | **3.9 J** | **3.7 J** |
| 1,2-Dichloroethane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| 2-Butanone (MEK) | 50 | < 10 | <40 | <50 | <50 |
| 2-Hexanone (MBK) | 50 | < 5.0 | <20 | <25 | <25 |
| 4-methyl-2-pentanone (MIK) | 50 | < 5.0 | <20 | <25 | <25 |
| Acetone | 50 | < 10 | <40 | <50 | <50 |
| Benzene | 1 | < 1.0 | <2.0 | <2.5 | <2.5 |
| Bromodichloromethane | 50 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Bromoform | 50 | < 4.0 | <4.0 | <5.0 | <5.0 |
| Bromomethane | 5 | < 2.0 | <8.0 | <10 | <10 |
| Carbon Disulfide | 50 | < 2.0 | <8.0 | <10 | <10 |
| Carbon tetrachloride | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Chlorobenzene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Chloroethane | 5 | **0.66 J** | <4.0 | <5.0 | <5.0 |
| Chloroform | 7 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Chloromethane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| cis-1,2-dichloroethene | 5 | **8.1** | **6.9** | **6.4** | **6.2** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Dibromochloromethane | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Ethylbenzene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Methylene Chloride | 5 | < 2.0 | <8.0 | <10 | <10 |
| Styrene | 5 | < 5.0 | <4.0 | <5.0 | <5.0 |
| Tetrachloroethene | 5 | **44.2** | **34.1** | **36.6** | **34.2** |
| Toluene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Trichloroethylene | 5 | **493 D** | **533** | **557** | **510** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **6.1** | **3.5 J** | **4.8 J** | **2.8 J** |
| Vinyl Chloride | 2 | **29** | **18.3** | **12.7** | **10.3** |
| Xylene-o | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| Xylenes - m,p | 5 | < 1.0 | <4.0 | <5.0 | <5.0 |
| **Total VOCs [4]** | | **590** | **600** | **620** | **570** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 17<br>WELL 17<br>3/16/2015 | WELL 17<br>WELL 17<br>5/5/2015 | WELL 17-REP<br>REP-090915-EE-1<br>9/9/2015 |
|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | |
| 1,1,1-Trichloroethane | 5 | **0.58 J** | **0.51 J** | **0.54 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **1.3** | **1.2** | **1.1** |
| 1,1-Dichloroethene | 5 | **3.0** | **2.5** | **2.0** |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | < 10 | <10 | <10 |
| 2-Hexanone (MBK) | 50 | < 5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | < 5.0 | <5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | <10 |
| Benzene | 1 | < 1.0 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | <1.0 |
| Bromoform | 50 | < 4.0 | <1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | <1.0 |
| Chloroform | 7 | **0.42 J** | **0.38 J** | **0.47 J** |
| Chloromethane | 5 | < 1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **4.3** | **4.3** | **3.7** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | <2.0 |
| Styrene | 5 | < 5.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **36.9** | **33.3** | **30.5** |
| Toluene | 5 | < 1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **191** | **191** | **177** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **6.0** | **4.7 J** | **2.5 J** |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | **240** | **240** | **220** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 17<br>WELL 17<br>9/9/2015 | WELL 17-REP<br>REP-121415-KD1<br>12/14/2015 | WELL 17<br>WELL 17<br>12/14/2015 |
|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | |
| 1,1,1-Trichloroethane | 5 | **0.51 J** | **0.34 J** | **0.35 J** |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **1.2** | **0.90 J** | **0.94 J** |
| 1,1-Dichloroethene | 5 | **1.9** | **1.8** | **1.8** |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | <10 | <10 |
| 2-Hexanone (MBK) | 50 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | **0.43 J** | **0.29 J** | **0.32 J** |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **3.8** | **3.3** | **3.4** |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **30** | **28.3** | **28.5** |
| Toluene | 5 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **178** | **153** | **159** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **2.4 J** | **3.4 J** | **3.6 J** |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | **220** | **190** | **200** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 18-REP<br>REP-031615-KV<br>3/16/2015 | WELL 18<br>WELL 18<br>3/16/2015 | WELL 18<br>REP-050515-PR-2<br>5/5/2015 |
|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | |
| 1,1,1-Trichloroethane | 5 | **0.69 J** | **0.73 J** | **0.71 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **1.3** | **1.3** | **1.3** |
| 1,1-Dichloroethene | 5 | **3.7** | **3.9** | **3.9** |
| 1,2-Dichloroethane | 5 | < 1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | < 1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | < 10 | < 10 | <10 |
| 2-Hexanone (MBK) | 50 | < 5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | < 5.0 | < 5.0 | <5.0 |
| Acetone | 50 | < 10 | < 10 | <10 |
| Benzene | 1 | < 1.0 | < 1.0 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | < 4.0 | < 4.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | **0.24 J** | < 1.0 | **<1.0** |
| Chloromethane | 5 | < 1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **2.1** | **2.2** | **2.2** |
| cis-1,3-dichloropropene | 5 | < 1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | < 2.0 | <2.0 |
| Styrene | 5 | < 5.0 | < 5.0 | <1.0 |
| Tetrachloroethene | 5 | **14.1** | **13.9** | **14.2** |
| Toluene | 5 | < 1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **54.1** | **55.9** | **57.9** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.8 J** | **1.0 J** | **1.7 J** |
| Vinyl Chloride | 2 | < 1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | < 1.0 | <1.0 |
| **Total VOCs [4]** | | **78** | **79** | **82** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 18<br>WELL 18<br>5/5/2015 | WELL 18<br>WELL 18<br>9/9/2015 | WELL 18<br>WELL 18<br>12/14/2015 |
|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | |
| 1,1,1-Trichloroethane | 5 | **0.71 J** | **0.87 J** | **0.59 J** |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **1.1** | **1.4** | **1.1** |
| 1,1-Dichloroethene | 5 | **3.4** | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | <10 | <10 |
| 2-Hexanone (MBK) | 50 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | **0.21 J** | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **2** | **2.0** | **1.9** |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **14.1** | **15.2** | **14.2** |
| Toluene | 5 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **53** | **61.3** | **51.2** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.6 J** | **2.3 J** | **1.5 J** |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | **76** | **83** | **70** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | WELL 19<br>WELL 19<br>3/16/2015 | WELL 19<br>WELL 19<br>5/5/2015 | WELL 19<br>WELL 19<br>9/9/2015 | WELL 19<br>WELL 19<br>12/14/2015 |
|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | | |
| 1,1,1-Trichloroethane | 5 | **0.50 J** | **0.44 J** | **0.43 J** | **0.36 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **0.86 J** | **0.87 J** | **0.77 J** | **0.67 J** |
| 1,1-Dichloroethene | 5 | **1.8** | **1.6** | **1.3** | **0.56 J** |
| 1,2-Dichloroethane | 5 | **0.40 J** | **0.42 J** | **0.46 J** | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | < 10 | <10 | <10 | <10 |
| 2-Hexanone (MBK) | 50 | < 5.0 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | < 5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | <10 | <10 |
| Benzene | 1 | < 1.0 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | < 4.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | **0.51 J** | **0.51 J** | **0.44 J** | **0.35 J** |
| Chloromethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **20.6** | **20.9** | **18.3** | **14.4** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | < 5.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **8.0** | **7.3** | **6.7** | **6.9** |
| Toluene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | <1.0 | 0.82 J |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **175** | **174** | **153** | **141** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.0 J** | **1.1 J** | **0.97 J** | **0.88 J** |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | **210** | **210** | **180** | **170** |

Notes and Abbreviations on last page.

| Constituents<br>units in (µg/L) | Location ID:<br>Sample ID:<br>Sample Date: | 96 EFFLUENT<br>T96 EFFLUENT<br>(GW)<br>3/16/2015 | 96 EFFLUENT<br>T96 EFFLUENT<br>(GW)<br>5/5/2015 | 96 EFFLUENT<br>T96 EFFLUENT<br>(GW)<br>9/9/2015 | 96 EFFLUENT<br>T96 EFFLUENT<br>(GW)<br>12/14/2015 |
|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC<br>SCGs<br>(µg/L)[3] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | <10 | <10 | <10 |
| 2-Hexanone (MBK) | 50 | <5.0 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | <5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <1.0 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <4.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **0.44 J** | <1.0 | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | <5.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **4.0** | **2.6** | **0.66 J** | **3.1** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | **4.4** | **2.6** | **0.66** | **3.1** |

Notes and Abbreviations on last page.

| Constituents units in (µg/L) | Location ID: Sample ID: Sample Date: | 102 EFFLUENT T102 EFFLUENT (GW) 3/16/2015 | 102 EFFLUENT T102 EFFLUENT (GW) 5/5/2015 | 102 EFFLUENT T102 EFFLUENT (GW) 9/9/2015 | 102 EFFLUENT T102 EFFLUENT (GW) 12/14/2015 |
|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs)[1,2]** | NYSDEC SCGs (µg/L)[3] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 J | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | <10 | <10 J | <10 |
| 2-Hexanone (MBK) | 50 | <5.0 | <5.0 | <5.0 J | <5.0 |
| 4-methyl-2-pentanone (MIK) | 50 | <5.0 | <5.0 | <5.0 J | <5.0 |
| Acetone | 50 | <10 J | <10 | <10 J | <10 |
| Benzene | 1 | <1.0 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <4.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 J | <2.0 | <2.0 |
| Styrene | 5 | <5.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Total VOCs [4]** | | 0 | 0 | 0 | 0 |

Notes and Abbreviations on last page.

**Notes and Abbreviations:**

(1) VOC samples analyzed using USEPA Method 8260C.
(2) Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2014).
(3) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.
(4) Total VOC results rounded to two significant figures.

| | |
|---|---|
| | Compound detected in exceedance of NYSDEC SCG Criteria |
| <5.0 | Compound is not detected above its laboratory quantification limit |
| µg/L | Micrograms per liter |
| **Bold** | Value indicates a detection |
| D | Concentration is based on a diluted sample analysis |
| J | Constituent value is estimated |
| NYSDEC | New York State Department of Conservation |
| OU2 | Operable Unit 2 |
| REP | Field Replicate Sample |
| SCG | Standards, Criteria, and Guidance value |
| VOCs | Volatile Organic Compounds |

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [1], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | FW-03<br>FW-03<br>6/2/2015 | FW-03<br>REP060215PP1<br>6/2/2015 | GM-15SR<br>GM-15SR<br>4/30/2015 | GM-15SR<br>GM-15SR<br>10/5/2015 | GM-15I<br>GM-15I<br>10/5/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs (ug/L)[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.28 J** | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | <10 | <10 | < 10 | < 10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | < 5.0 |
| Acetone | 50 | <10 | <10 | <10 | < 10 | < 10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | < 2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | **0.38 J** | < 1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | < 2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | **7.3** | **7.5** | <1.0 | < 1.0 | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | <1.0 | < 1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Trichloroethylene | 5 | **2.4** | **2.2** | **1.7** | **6.5** | < 1.0 |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | <5.0 | < 5.0 | < 5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | < 1.0 |
| **TVOCs** | | **10** | **9.7** | **1.7** | **6.9** | **0** |

See Notes and Abbreviations on Last Page

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [1], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | GM-17I GM-17I 4/22/2015 | GM-17I GM-17I 10/2/2015 | GM-18I GM-18I 5/13/2015 | GM-18I GM-18I 11/11/2015 | GM-20I GM-20I 4/28/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs (ug/L)[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 | <10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **1.7** | **0.92 J** | **0.36 J** | **0.43 J** | **0.60 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **1.7** | **0.92** | **0.36** | **0.43** | **0.6** |

See Notes and Abbreviations on Last Page

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [1], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | GM-21S GM-21S 6/8/2015 | GM-74I GM-74I 4/21/2015 | GM-74I GM-74I 10/16/2015 | GM-78S GM-78S 6/1/2015 | GM-78I GM-78I 6/1/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs (ug/L)[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 | < 10 | <10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | < 10 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | < 0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroform | 7 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **0.88 J** | **0.76 J** | **1.0** | **0.57 J** | **0.39 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| **TVOCs** | | **0.88** | **0.76** | **1.0** | **0.57** | **0.39** |

See Notes and Abbreviations on Last Page

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [1], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | HN-40S<br>HN-40S<br>4/20/2015 | HN-40I<br>HN-40I<br>4/20/2015 | HN-42S<br>HN-42S<br>4/20/2015 | HN-42I<br>HN-42I<br>4/27/2015 | N-10631<br>N-10631<br>6/8/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs (ug/L)[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 B |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | <1.0 | <1.0 | <1.0 | **0.56 J** | **1** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **TVOCs** | | **1.7** | 0 | 0 | **0.56** | **1.0** |

See Notes and Abbreviations on Last Page

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [1], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | N-10631 N-10631 10/26/2015 |
|---|---|---|
| | NYSDEC SCGs (ug/L)[2] | |
| 1,1,1-Trichloroethane | 5 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 |
| 1,2-Dichloroethane | 5 | < 1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 |
| 2-Butanone | 50 | < 10 |
| 2-Hexanone | 50 | < 5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 |
| Acetone | 50 | < 10 |
| Benzene | 1 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 |
| Bromoform | 50 | < 1.0 |
| Bromomethane | 5 | < 2.0 |
| Carbon Disulfide | 50 | < 2.0 |
| Carbon tetrachloride | 5 | < 1.0 |
| Chlorobenzene | 5 | < 1.0 |
| Chloroethane | 5 | < 1.0 |
| Chloroform | 7 | < 1.0 |
| Chloromethane | 5 | < 1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 |
| Dibromochloromethane | 5 | < 1.0 |
| Ethylbenzene | 5 | < 1.0 |
| Methylene Chloride | 5 | < 2.0 |
| Styrene | 5 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 |
| Toluene | 5 | < 1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 |
| Trichloroethylene | 5 | **1.2** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 |
| Vinyl Chloride | 2 | < 1.0 |
| Xylene-o | 5 | < 1.0 |
| Xylenes - m,p | 5 | < 1.0 |
| **TVOCs** | | **1.2** |

See Notes and Abbreviations on Last Page

**Table 11**
**Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells in the Shallow Zone [(1)], Operable Unit 2, Northrop Grumman Systems Corporation, Bethpage, New York**

**Notes and Abbreviations:**

(1) Well identification (e.g., GM-15I) does not necessarily designate the actual hydrogeologic zone. Determination of the hydrogeologic zone is based on the well screen interval and the regional model layering.

(2) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2014).
Samples analyzed for the TCL VOCs using USEPA Method 8260C.
TVOCs are rounded to two significant figures.
**Bold** value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Environmental Protection Agency |
| VOCs | Volatile Organic Compounds |
| TVOCs | Total Volatile Organic Compounds |
| SCG | Standards, Criteria and Guidance Value |
| µg/L | micrograms per Liter |
| J | Value is estimated concentration |
| TCL | Target Compound List |
| TOGs | Technical and Operational Guidance Series |
| < 5.0 | Compound not detected above its laboratory quantification limit. |
| | Compound detected in exceedance of NYSDEC SCG Criteria |
| OU2 | Operable Unit 2 |
| REP | Blind duplicate sample |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-21I<br>GM-21I<br>4/24/2015 | HN-24I<br>HN-24I<br>6/2/2015 |
|---|---|---|---|
| | NYSDEC SCG<br>(ug/L)[2] | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | **1.1** |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | **1.9** |
| 1,1-Dichloroethene | 5 | <1.0 | **8.4** |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | **0.44 J** |
| Chlorobenzene | 5 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 |
| Chloroform | 7 | <1.0 | **1.4** |
| Chloromethane | 5 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | **0.90 J** |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | **32.9** |
| Toluene | 5 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **0.62 J** | **18.9** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 |
| **TVOCs** | | **0.62** | **66** |

See Notes and Abbreviations on Last Page

**Notes and Abbreviations:**

(1) Well identification (e.g., GM-15I) does not necessarily designate the actual hydrogeologic zone. Determination of the hydrogeologic zone is based on the well screen interval and the regional model layering.

(2) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2014).
Samples analyzed for the TCL VOCs using USEPA Method 8260C.
TVOCs are rounded to two significant figures.
**Bold** value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Environmental Protection Agency |
| VOCs | Volatile Organic Compounds |
| TVOCs | Total Volatile Organic Compounds |
| SCG | Standards, Criteria and Guidance Value |
| µg/L | micrograms per Liter |
| J | Value is estimated concentration |
| TCL | Target Compound List |
| TOGs | Technical and Operational Guidance Series |
| < 5.0 | Compound not detected above its laboratory quantification limit. |
| | Compound detected in exceedance of NYSDEC SCG Criteria |
| OU2 | Operable Unit 2 |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-13D<br>GM-13D<br>4/21/2015 | GM-13D<br>REP042115KV1<br>4/21/2015 | GM-15D<br>GM15D<br>5/7/2015 | GM-15D<br>GM-15D<br>10/5/2015 | GM-17D<br>GM-17D<br>4/22/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | 1.7 | 1.8 | <1.0 | < 1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **5.4** | **5.6** | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | **9.2** | **9.4** | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | < 10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | **0.31 J** | **0.33 J** | <1.0 | < 1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **17** | **17.4** | <1.0 | < 1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | **169** | **172** | <1.0 | **0.44 J** | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **66.3** | **68.8** | **0.34 J** | **0.33 J** | **0.33 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | 2.6 J | 2.6 J | <5.0 | < 5.0 | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **270** | **280** | **0.34** | **0.77** | **0.33** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-17D<br>GM-17D<br>10/2/2015 | GM-18D<br>GM-18D<br>4/21/2015 | GM-18D<br>GM-18D<br>10/28/2015 | GM-20D<br>GM-20D<br>4/24/2015 | GM-21D<br>GM-21D<br>4/24/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | < 10 | <10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | < 10 | <10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroform | 7 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **1.1** | **0.87 J** | **0.41 J** | **1** | **2.6** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | **<5.0** | < 5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| **TVOCs** | | **1.1** | **0.87** | **0.41** | **1** | **2.6** |

See Notes and Abbreviations on last page.

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | GM-36D GM-36D 4/28/2015 | GM-37D GM-37D 5/1/2015 | GM-38D GM38D 5/8/2015 | GM-38D GM-38D 10/14/2015 | GM-39DA GM-39DA 4/23/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | <1.0 | **0.40 J** | **0.53 J** | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | **0.61 J** | **0.87 J** | **0.92 J** | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | **0.75 J** | **1.0** | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | **0.62 J** | **0.48 J** | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | < 10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | <1.0 | <1.0 | <1.0 | **0.24 J** | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | <1.0 | **0.73 J** | **0.63 J** | <1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | **5.5** | **6.7** | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | <1.0 | **0.66 J** | **175 J** | **140** | **1** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | <5.0 | <5.0 | **0.94 J** | <5.0 |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **0** | **1.3** | **180** | **150** | **1** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-39DA<br>GM-39DA<br>10/14/2015 | GM-70D2[1]<br>GM-70D2<br>6/25/2015 | GM-74D<br>GM-74D<br>4/23/2015 | GM-74D<br>GM-74D<br>10/16/2015 | GM-79I<br>GM-79I<br>4/22/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | <10 | < 10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Chloromethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | < 1.0 | **3.1** | <1.0 | < 1.0 | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **3.3** | **10.3** | **1** | **1.3** | <1.0 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | <5.0 | <5.0 | < 5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **3.3** | **13** | **1.0** | **1.3** | **0** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-79I<br>GM-79I<br>10/28/2015 | GM-79D<br>GM-79D<br>6/13/2015 | GM-79D<br>GM-79D<br>10/28/2015 | N-10624<br>N-10624<br>6/4/2015 | N-10627<br>N-10627<br>6/4/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | < 10 | <10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | < 10 | <10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloroform | 7 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | **0.40 J** | **0.47 J** | <1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | < 1.0 | **18** | **19.7** | <1.0 | **0.37 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | <5.0 | < 5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 | <1.0 |
| **TVOCs** | | **0** | **18** | **20** | **0** | **0.37** |

See Notes and Abbreviations on last page.

**Notes and Abbreviations:**

(1) Well identification (e.g., GM-70D2) does not necessarily designate the actual hydrogeologic zone. Determination of the hydrogeologic zone is based on the well screen interval and the regional model layering.

(2) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2014).

Samples analyzed for the TCL VOCs using USEPA Method 8260C.

TVOCs are rounded to two significant figures.

**Bold** value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Environmental Protection Agency |
| VOCs | Volatile Organic Compounds |
| TVOCs | Total Volatile Organic Compounds |
| µg/L | micrograms per liter |
| SCG | Standards, Criteria and Guidance Value |
| J | Value is estimated concentration. |
| OU2 | Operable Unit 2 |
| TCL | Target Compound List |
| TOGs | Technical and Operational Guidance Series |
| < 5.0 | Compound not detected above its laboratory quantification limit. |
| | Compound detected in exceedance of NYSDEC SCG Criteria |
| REP | Blind duplicate sample |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-15D2<br>GM15D2<br>5/7/2015 | GM-15D2<br>GM-15D2<br>10/5/2015 | GM-21D2[3]<br>GM-21D2<br>6/12/2015 | GM-21D2[3]<br>GM-21D2<br>10/22/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | **1.8** | **2.7** |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.22 J** | **0.31 J** | **6.7** | **10.4** |
| 1,1-Dichloroethene | 5 | **0.85 J** | **0.85 J** | **13.8** | **25.0** |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | **0.46 J** | **0.66 J** |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroform | 7 | **0.24 J** | **0.28 J** | **0.47 J** | **0.61 J** |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | **0.30 J** | **17.2** | **30.0** |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Tetrachloroethene | 5 | **6.1** | **5.4** | **4.1** | **8.8** |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Trichloroethylene | 5 | **9.7** | **9.0** | **109** | **159** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.0 J** | **1.0 J** | **2.5 J** | **5.3** |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| **TVOCs** | | **18** | **17** | **160** | **240** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-33D2<br>GM-33D2<br>6/8/2015 | GM-33D2<br>GM-33D2<br>10/26/2015 | GM-34D[1]<br>GM-34D<br>4/27/2015 | GM-34D<br>GM-34D<br>10/23/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | < 1.0 | **0.64 J** | **0.61 J** |
| 1,1-Dichloroethene | 5 | <1.0 | < 1.0 | **3.8** | **3.0** |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroform | 7 | <1.0 | < 1.0 | **0.65 J** | **0.50 J** |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | < 1.0 | **9.7** | **8.0** |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Tetrachloroethene | 5 | **4** | **3.8** | **9** | **9.0** |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Trichloroethylene | 5 | **16.6** | **17.5** | **403 D** | **412 D** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **5.3** | **5.5** | **9.4** | **8.5** |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| **TVOCs** | | **26** | **26.8** | **440** | **440** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-34D2<br>GM-34D2<br>4/27/2015 | GM-34D2<br>GM-34D2<br>10/23/2015 | GM-35D2<br>GM35D2<br>5/12/2015 | GM-35D2<br>GM-35D2<br>10/27/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | **0.23 J** | <1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **0.78 J** | **0.72 J** | <1.0 | < 1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 J | < 1.0 | <1.0 | < 1.0 |
| Chloroform | 7 | **0.19 J** | < 1.0 | <1.0 | < 1.0 |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | **2.8** | **2.1** | **0.43 J** | < 1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Tetrachloroethene | 5 | **8.3** | **9.0** | **6.8** | **6.0** |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Trichloroethylene | 5 | **148** | **157** | **78.9** | **63.3** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.1 J** | **1.7 J** | **1.1 J** | **0.67 J** |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| **TVOCs** | | **160** | **170** | **87** | **70** |

See Notes and Abbreviations on last page.

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | GM-35D2 REP102715PP 10/27/2015 | GM-36D2 GM-36D2 4/28/2015 | GM-37D2 GM-37D2 4/29/2015 | GM-38D2 GM38D2 5/8/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **0.42 J** | <1.0 | **0.36 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | **0.66 J** | **1.9** | **2.5** |
| 1,1-Dichloroethene | 5 | < 1.0 | **0.60 J** | **0.77 J** | **0.71 J** |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | <10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | < 1.0 | **0.21 J** | **0.26 J** | **0.46 J** |
| Chloromethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | <1.0 | **0.64 J** | **0.72 J** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **6.3** | <1.0 | **0.68 J** | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **62.6** | **2.6** | **2.3** | **29.8** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **0.59 J** | <5.0 | <5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | <1.0 | <1.0 |
| **TVOCs** | | **70** | **4.5** | **6.6** | **35** |

See Notes and Abbreviations on last page.

| Constituents units in (ug/L) | Well ID: Sample ID: Sample Date: | GM-38D2 GM-38D2 10/14/2015 | GM-39DB GM-39DB 4/23/2015 | GM-39DB GM-39DB 12/11/2015 | GM-71D2 GM-71D2 5/12/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | **1.2** | <1.0 | < 1.0 | **1.9** |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **3.3** | <1.0 | < 1.0 | **5.9** |
| 1,1-Dichloroethene | 5 | **1.7** | <1.0 | < 1.0 | **3** |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | < 10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | **0.33 J** |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | **0.49 J** | <1.0 | < 1.0 | **0.61 J** |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **1.3** | <1.0 | < 1.0 | **0.76 J** |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **148** | **43.9** | **37.6** | **11** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.2 J** | <5.0 | < 5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **160** | **44** | **38** | **24** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-73D<br>GM-73D<br>4/17/2015 | GM-73D<br>GM-73D<br>10/23/2015 | GM-73D2<br>GM-73D2<br>4/17/2015 | GM-73D2<br>GM-73D2<br>10/22/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | **0.26 J** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | < 1.0 | **0.68 J** | **0.42 J** |
| 1,1-Dichloroethene | 5 | <1.0 | < 1.0 | **0.98 J** | **0.60 J** |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroform | 7 | <1.0 | < 1.0 | **0.26 J** | **0.26 J** |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | < 1.0 | **0.70 J** | **0.51 J** |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Tetrachloroethene | 5 | <1.0 | < 1.0 | **1.9** | **1.7 J** |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Trichloroethylene | 5 | **11.1** | **9.1** | **46.7** | **42.0 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| **TVOCs** | | **11** | **9.1** | **51** | **45** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-73D2<br>REP102215PP<br>10/22/2015 | GM-74D2<br>GM-74D2<br>4/23/2015 | GM-74D2<br>GM-74D2<br>10/16/2015 | GM-75D2<br>GM-75D2<br>6/4/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | **2.9** | <1.0 | < 1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **10.1 J** | **0.43 J** | **0.43 J** | <1.0 |
| 1,1-Dichloroethene | 5 | **24.0 J** | **0.68 J** | **0.67 J** | <1.0 |
| 1,2-Dichloroethane | 5 | **0.88 J** | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | < 10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | **0.68 J** | **0.24 J** | **0.24 J** | <1.0 |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **26.1 J** | <1.0 | < 1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | **8.4 J** | **3.1** | **3.9** | **1.2** |
| Toluene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **169 J** | **7.2** | **7.2** | **23.9** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **5.9** | **0.67 J** | **0.66 J** | <5.0 |
| Vinyl Chloride | 2 | **0.20 J** | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **250** | **12** | **13** | **25** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-75D2<br>GM-75D2<br>10/26/2015 | GM-78D[3]<br>GM-78D<br>6/12/2015 | GM-78D[3]<br>GM-78D<br>10/30/2015 | GM-78D2[3]<br>GM-78D2<br>6/12/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| 2-Butanone | 50 | < 10 | <10 | < 10 | <10 |
| 2-Hexanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Acetone | 50 | < 10 | <10 | < 10 | <10 |
| Benzene | 1 | < 0.50 | <0.50 | < 0.50 | <0.50 |
| Bromodichloromethane | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromoform | 50 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Bromomethane | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon Disulfide | 50 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Carbon tetrachloride | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chlorobenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloroform | 7 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Chloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | **0.29 J** | < 1.0 | <1.0 |
| cis-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Dibromochloromethane | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Ethylbenzene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Methylene Chloride | 5 | < 2.0 | <2.0 | < 2.0 | <2.0 |
| Styrene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Tetrachloroethene | 5 | **1.2** | <1.0 | < 1.0 | <1.0 |
| Toluene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Trichloroethylene | 5 | **18.7** | **2.5** | **3.3** | **0.96 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | <5.0 | < 5.0 | <5.0 |
| Vinyl Chloride | 2 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylene-o | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| Xylenes - m,p | 5 | < 1.0 | <1.0 | < 1.0 | <1.0 |
| **TVOCs** | | **20** | **2.8** | **3.3** | **0.96** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-78D2[3]<br>GM-78D2<br>10/30/2015 | MW-3-1[3]<br>MW-3-1<br>11/11/2015 | WELL 1<br>WELL 1<br>5/5/2015 | WELL 3R<br>WELL 3R<br>5/5/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | **0.64 J** | <5.0 | <4.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| 1,1,2-Trichloroethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | **2.9** | <5.0 | <4.0 |
| 1,1-Dichloroethene | 5 | < 1.0 | **1.6** | <5.0 | **3.6 J** |
| 1,2-Dichloroethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| 1,2-Dichloropropane | 5 | < 1.0 | < 1.0 | **5** | <4.0 |
| 2-Butanone | 50 | < 10 | < 10 | <50 | <40 |
| 2-Hexanone | 50 | < 5.0 | < 5.0 | <25 | <20 |
| 4-methyl-2-pentanone | 50 | < 5.0 | < 5.0 | <25 | <20 |
| Acetone | 50 | < 10 | < 10 | <50 | <40 |
| Benzene | 1 | < 0.50 | < 0.50 | <2.5 | <2.0 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | <10 | <8.0 |
| Carbon Disulfide | 50 | < 2.0 | < 2.0 | <10 | <8.0 |
| Carbon tetrachloride | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Chloroform | 7 | < 1.0 | **0.29 J** | <5.0 | <4.0 |
| Chloromethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| cis-1,2-dichloroethene | 5 | < 1.0 | **4.8** | **4.6 J** | **6.9** |
| cis-1,3-dichloropropene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Dibromochloromethane | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Methylene Chloride | 5 | < 2.0 | < 2.0 | <10 | <8.0 |
| Styrene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Tetrachloroethene | 5 | < 1.0 | **11.3** | **31** | **34.1** |
| Toluene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| trans-1,2-dichloroethene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| trans-1,3-dichloropropene | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Trichloroethylene | 5 | **1.4** | **58.4** | **748** | **533** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | **0.53 J** | **2.8 J** | **3.5 J** |
| Vinyl Chloride | 2 | < 1.0 | **5.2** | <5.0 | **18.3** |
| Xylene-o | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| Xylenes - m,p | 5 | < 1.0 | < 1.0 | <5.0 | <4.0 |
| **TVOCs** | | **1.4** | **86** | **790** | **230** |

See Notes and Abbreviations on last page.

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | WELL 17<br>WELL 17<br>5/5/2015 | WELL 18<br>WELL 18<br>5/5/2015 | WELL 18<br>REP-050515-PR-2<br>5/5/2015 | WELL 19<br>WELL 19<br>5/5/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[(2)] | | | | |
| 1,1,1-Trichloroethane | 5 | **0.51 J** | **0.71 J** | **0.71 J** | **0.44 J** |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | **1.2** | **1.3** | **1.1** | **0.87 J** |
| 1,1-Dichloroethene | 5 | **2.5** | **3.9** | **3.4** | **1.6** |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | **0.42 J** |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone | 50 | <10 | <10 | <10 | <10 |
| 2-Hexanone | 50 | <5.0 | <5.0 | <5.0 | <5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon tetrachloride | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | **0.38 J** | <1.0 | **0.21 J** | **0.51 J** |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-dichloroethene | 5 | **4.3** | **2.2** | **2** | **20.9** |
| cis-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | <2.0 |
| Styrene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | **33.3** | **14.2** | **14.1** | **7.3** |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethylene | 5 | **191** | **57.9** | **53** | **174** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **4.7 J** | **1.7 J** | **1.6 J** | **1.1 J** |
| Vinyl Chloride | 2 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylene-o | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| Xylenes - m,p | 5 | <1.0 | <1.0 | <1.0 | <1.0 |
| **TVOCs** | | **240** | **82** | **76** | **210** |

See Notes and Abbreviations on last page.

**Notes and Abbreviations:**

(1) Well identification (e.g., GM-34D) does not necessarily designate the actual hydrogeologic zone. Determination of the hydrogeologic zone is based on the well screen interval and the regional model layering.

(2) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.

(3) Supplememtal wells GM-21D2, GM-73D3, GM-74D3, GM-78D , GM-78D2 and MW3-1 were sampled during the Second Quarter 2015 as per the recommendation from "2014 Annual Groundwater Monitoring Report, ARCADIS, March 30, 2015".

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2014).
Samples analyzed for the TCL VOCs using USEPA Method 8260C.
TVOCs are rounded to two significant figures.
**Bold** value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Environmental Protection Agency |
| VOCs | Volatile Organic Compounds |
| TVOCs | Total Volatile Organic Compounds |
| µg/L | micrograms per liter |
| SCG | Standards, Criteria and Guidance Value |
| J | Value is estimated concentration. |
| D | Secondary dilution |
| OU2 | Operable Unit 2 |
| REP | Blind duplicate Sample |
| TCL | Target Compound List |
| TOGs | Technical and Operational Guidance Series |
| < 5.0 | Compound not detected above its laboratory quantification limit. |
| | Compound detected in exceedance of NYSDEC SCG Criteria |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | GM-73D3[3]<br>GM-73D3<br>5/17/2015 | GM-73D3 [3]<br>GM-73D3<br>10/27/2015 | GM-74D3[3]<br>GM-74D3<br>6/13/2015 | GM-74D3[3]<br>GM-74D3<br>10/22/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs[2] | | | | |
| 1,1,1-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | < 1.0 | **0.52 J** | < 1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| 2-Butanone | 50 | <10 | < 10 | <10 | < 10 |
| 2-Hexanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| 4-methyl-2-pentanone | 50 | <5.0 | < 5.0 | <5.0 | < 5.0 |
| Acetone | 50 | <10 | < 10 | <10 | < 10 |
| Benzene | 1 | <0.50 | < 0.50 | <0.50 | < 0.50 |
| Bromodichloromethane | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromoform | 50 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Bromomethane | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon Disulfide | 50 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Carbon tetrachloride | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chlorobenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloroform | 7 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Chloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| cis-1,2-dichloroethene | 5 | <1.0 | < 1.0 | **0.32 J** | < 1.0 |
| cis-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Dibromochloromethane | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Ethylbenzene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Methylene Chloride | 5 | <2.0 | < 2.0 | <2.0 | < 2.0 |
| Styrene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Tetrachloroethene | 5 | **0.83 J** | **0.79 J** | **3.8** | **3.3** |
| Toluene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,2-dichloroethene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| trans-1,3-dichloropropene | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Trichloroethylene | 5 | **1.7** | **1.7** | **6.2** | **5.5** |
| Trichlorotrifluoroethane (Freon 113) | 5 | <5.0 | < 5.0 | **0.65 J** | **0.79 J** |
| Vinyl Chloride | 2 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylene-o | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| Xylenes - m,p | 5 | <1.0 | < 1.0 | <1.0 | < 1.0 |
| **TVOCs** | | **2.5** | **2.5** | **12** | **9.6** |

See Notes and Abbreviations on Last Page

**Notes and Abbreviations:**

(1) Well identification (e.g., GM-73D3) does not necessarily designate the actual hydrogeologic zone.
Determination of the hydrogeologic zone is based on the well screen interval and the regional model layering.

(2) Standards, Criteria, and Guidance (SCG) values based on documents referenced in the Groundwater Feasibility Study Report (ARCADIS Geraghty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values are listed.

(2) Supplememtal wells GM-21D2, GM-73D3, GM-74D3, GM-78D , GM-78D2 and MW3-1 were sampled during the Second Quarter 2015 as per the recommendation from "2014 Annual Groundwater Monitoring Report, ARCADIS, March 30, 2015".

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2001; 2006; 2014; 2016).

Samples analyzed for the TCL VOCs using USEPA Method 8260C.

TVOCs are rounded to two significant figures.

**Bold** value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation |
| USEPA | United States Environmental Protection Agency |
| VOCs | Volatile Organic Compounds |
| TVOCs | Total Volatile Organic Compounds |
| µg/L | micrograms per liter |
| SCG | Standards, Criteria and Guidance Value |
| J | Value is estimated concentration. |
| OU2 | Operable Unit 2 |
| TCL | Target Compound List |
| TOGs | Technical and Operational Guidance Series |
| < 5.0 | Compound not detected above its laboratory quantification limit. |
| | Compound detected in exceedance of NYSDEC SCG Criteria |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 1-1<br>BPOW 1-1<br>2/4/2015 | BPOW 1-1<br>BPOW 1-1<br>5/27/2015 | BPOW 1-1<br>BPOW 1-1<br>8/11/2015 | BPOW 1-2<br>BPOW 1-2<br>2/3/2015 | BPOW 1-2<br>BPOW 1-2<br>5/27/2015 | BPOW 1-2<br>BPOW 1-2<br>8/11/2015 | BPOW 1-3<br>BPOW 1-3<br>2/3/2015 | BPOW 1-3<br>BPOW 1-3<br>5/21/2015 |
|---|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.27 J** | **0.26 J** | **0.67** | **0.28 J** | **0.18 J** | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | <0.50 | **0.14 J** | **0.21 J** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | **0.22 J** | **0.34 J** | **0.60** | **0.23 J** | **0.15 J** | <0.50 | <0.50 | <0.50 |
| 1,2-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon Tetrachloride | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | **0.097 J** | <0.50 B | **0.15 J** | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| cis-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | **1.1** | **0.97** | **1.1** | **0.62** | **0.45 J** | **0.30 J** | <0.50 | <0.50 |
| Trichlorotrifluoroethane (Freon) | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Total Site-Related VOCs [4]** | | **1.7** | **1.7** | **2.7** | **1.1** | **0.8** | **0.3** | 0 | 0 |
| **TVOC Trigger Value [5]** | | **0.6** | **0.6** | **0.6** | **0.6** | **0.6** | **0.6** | **0.6** | **0.6** |

See Notes and Abbreviations on Last Page

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 1-3<br>BPOW 1-3<br>8/13/2015 | BPOW 1-4 [1]<br>BPOW 1-4<br>3/20/2015 | BPOW 1-4 [1]<br>BPOW 1-4<br>5/27/2015 | BPOW 1-4 [1]<br>BPOW 1-4<br>8/18/2015 | BPOW 1-5[1]<br>BPOW 1-5<br>3/20/2015 | BPOW 1-5[1]<br>BPOW 1-5<br>5/29/2015 | BPOW 1-5[1]<br>BPOW 1-5<br>8/18/2015 | BPOW 1-6[1]<br>BPOW 1-6<br>3/23/2015 |
|---|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,2-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon Tetrachloride | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| cis-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichlorotrifluoroethane (Freon) | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Total Site-Related VOCs [4]** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TVOC Trigger Value [5]** | | **0.6** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** |

See Notes and Abbreviations on Last Page

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 1-6<br>BPOW 1-6<br>6/2/2015 | BPOW 1-6<br>BPOW 1-6<br>8/17/2015 | BPOW 2-1<br>BPOW 2-1<br>2/5/2015 | BPOW 2-1<br>BPOW 2-1<br>5/21/2015 | BPOW 2-1<br>BPOW 2-1<br>8/10/2015 | BPOW 2-2<br>BPOW 2-2<br>2/6/2015 | BPOW 2-2<br>BPOW 2-2<br>5/22/2015 | BPOW 2-2<br>BPOW 2-2<br>8/14/2015 |
|---|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,2-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon Tetrachloride | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| cis-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichlorotrifluoroethane (Freon) | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.50 | <1.0 |
| **Total Site-Related VOCs [4]** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TVOC Trigger Value [5]** | | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** |

See Notes and Abbreviations on Last Page

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 2-3<br>BPOW 2-3<br>2/6/2015 | BPOW 2-3<br>BPOW 2-3<br>5/22/2015 | BPOW 2-3<br>BPOW 2-3<br>8/14/2015 | BPOW 3-1<br>BPOW 3-1<br>2/4/2015 | BPOW 3-1<br>BPOW 3-1<br>8/12/2015 | BPOW 3-2<br>BPOW 3-2<br>2/5/2015 | BPOW 3-2<br>BPOW 3-2<br>5/29/2015 | BPOW 3-2<br>BPOW 3-2<br>9/17/2015 |
|---|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,2-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon Tetrachloride | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| cis-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichlorotrifluoroethane (Freon) | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Total Site-Related VOCs [4]** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TVOC Trigger Value [5]** | | **NE** | **NE** | **NE** | **1.5** | **1.5** | **1.5** | **1.5** | **1.5** |

See Notes and Abbreviations on Last Page

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 3-3[1]<br>BPOW 3-3<br>3/24/2015 | BPOW 3-3[1]<br>BPOW 3-3<br>6/9/2015 | BPOW 3-3[1]<br>BPOW 3-3<br>8/25/2015 | BPOW 3-4(1)<br>BPOW 3-4<br>3/31/2015 | BPOW 3-4(1)<br>BPOW 3-4<br>6/9/2015 | BPOW 3-4(1)<br>REP060915AM1<br>6/9/2015 | BPOW 3-4(1)<br>BPOW 3-4<br>8/25/2015 | BPOW 3-4(1)<br>REP082515BT1<br>8/25/2015 |
|---|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | **0.61** | **0.58** | **0.61** | **0.79 J** | **0.74 J** |
| 1,1-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | **0.39 J** | **0.50** | **0.49 J** | **0.61** | **0.64** |
| 1,2-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Carbon Tetrachloride | 5 | <0.50 | <0.50 | <0.50 | **0.76** | **0.87** | **0.86** | **1.0** | **1.1** |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | <0.50 | <0.50 | <0.50 | **1.1** | **1.0** | **1.1** | **1.3** | **1.4** |
| cis-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | **0.86** | **0.87** | **0.79** | **1.1** | **1.1** |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | <0.50 | <0.50 | <0.50 | **64.2 D** | **52.9 D** | **52.5 D** | **60.9 D** | **61.0 D** |
| Trichlorotrifluoroethane (Freon) | 5 | <1.0 | <1.0 | <1.0 | **0.48 J** | **0.67 J** | **0.77 J** | **0.75 J** | **0.72 J** |
| **Total Site-Related VOCs [4]** | | 0 | 0 | 0 | **68** | **57** | **57** | **66** | **66** |
| **TVOC Trigger Value [5]** | | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** | **NE** |

See Notes and Abbreviations on Last Page

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 4-1R [2]<br>BPOW 4-1R<br>3/30/2015 | BPOW 4-1R [2]<br>BPOW-R<br>3/30/2015 | BPOW 4-1R [2]<br>BPOW 4-1R<br>6/3/2015 | BPOW 4-1R [2]<br>BPOW 4-1R<br>8/26/2015 | BPOW 4-2R [2]<br>BPOW 4-2R<br>3/27/2015 | BPOW 4-2R [2]<br>BPOW 4-2R<br>6/3/2015 | BPOW 4-2R [2]<br>BPOW 4-2R<br>8/24/2015 |
|---|---|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[3] | | | | | | | |
| 1,1,1-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | **0.063 J** |
| 1,1,2,2-Tetrachloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 J | <0.50 | <0.50 | <0.50 |
| 1,1,2-Trichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 J | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethane | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 1,1-Dichloroethene | 5 | **0.36 J** | **0.38 J** | **0.30 J** | **0.38 J** | **0.39 J** | **0.29 J** | **0.52** |
| 1,2-Dichloroethane | 5 | **0.12 J** | <0.50 | **0.13 J** | **0.13 J** | **0.10 J** | **0.099 J** | **0.072 J** |
| Carbon Tetrachloride | 5 | **0.17 J** | **0.18 J** | **0.11 J** | **0.21 J** | **0.12 J** | <0.50 | **0.19 J** |
| Chlorobenzene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Chloroform | 7 | **0.13 J** | **0.14 J** | <0.50 B | **0.15 J** | <0.50 | <0.50 | **0.090 J** |
| cis-1,2-Dichloroethene | 5 | **0.23 J** | **0.17 J** | **0.20 J** | **0.086 J** | **0.19 J** | **0.14 J** | **0.18 J** |
| Tetrachloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 J | <0.50 | <0.50 | <0.50 |
| trans-1,2-Dichloroethene | 5 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Trichloroethene | 5 | **0.79** | **0.78** | **0.58** | **0.92 J** | **0.78** | **0.82** | **1.6** |
| Trichlorotrifluoroethane (Freon) | 5 | **10** | **9.9** | **6.3 J** | **14.7** | **5.2** | **4.2** | **12.9** |
| **Total Site-Related VOCs [4]** | | **11** | **11** | **7.6** | **17** | **6.8** | **5.6** | **16** |
| **TVOC Trigger Value [5]** | | **NE** | **1.5** | **1.5** | **1.5** | **1.5** | **1.5** | **1.5** |

See Notes and Abbreviations on Last Page

**Notes and Abbreviations:**

(1) Wells BPOW1-4, BPOW1-5, BPOW1-6, BPOW3-3, and BPOW3-4 are currently monitored by Northrop Grumman on a voluntary basis.
The screen intervals for these wells were selected by the Navy based on data obtained from vertical profile borings VP-127 (BPOW-1 cluster) and VP-128 (BPOW-3 cluster).

(2) The NAVY abandoned original Wells BPOW4-1 and BPOW4-2 and installed replacement Wells BPOW4-1R and BPOW4-2R between August, 2014 and October, 2014.

(3) Standards Critieria and Guidance (SCGs) values based on the document referenced in Groundwater Feasibility Study Report (ARCADIS Geraherty & Miller, Inc. 2000) that are based on the NYSDEC TOGs (NYSDEC 1998); most stringent values listed.

(4) Site-related VOCs were established for the wells identified above in the Public Water Supply Contingency Plan (PWSCP) (ARCADIS G&M, Inc. 2003).

(5) The TVOC Trigger Value for Cluster 1 was initially exceeded on April 23, 2004; confirmatory sampling and reporting was conducted as per the PWSCP (ARCADIS G&M, Inc. 2003).
TVOC Trigger Values were established for Wells BPOW1-1, BPOW1-2, BPOW1-3, BPOW3-1, BPOW3-2, BPOW4-1, and BPOW4-2 in the PWSCP (ARCADIS G&M, Inc. 2003).
Established trigger values have been previously exceeded (except for BPOW 3-1 and BPOW 3-2) and no longer apply as the goal of PWSCP has been met.

Samples analyzed for site-related VOCs per the PWSCP (ARCADIS G&M, Inc. 2003) using USEPA Method 524.2
Total Site-Related VOCs and TVOCs are rounded to two significant figures.
**Bold value indicates constituent detected.**

| | |
|---|---|
| | Compound detected in exceedance of NYSDEC SCG Criteria |
| NYSDEC | New York State Department of Environmental Conservation |
| TVOCs | Total Volatile Organic Compounds |
| TOGs | Technical and Operational Guidance Series |
| USEPA | United States Environmental Protection Agency |
| VOC | Volatile Organic Compounds |
| µg/L | micrograms per liter |
| <0.5 | Compound not detected above its laboratory quantification limit. |
| SCG | Standards, Criteria and Guidance Value |
| J | Value is estimated concentration |
| B | Compound detected in associated blank sample |
| D | Concentration is based on a diluted sample analysis |
| NE | Not Established |
| REP | Blind duplicate sample |

| Constituents<br>units in (ug/L) | Well ID:<br>Sample ID:<br>Sample Date: | BPOW 1-1<br>BPOW 1-1<br>11/2/2015 | BPOW 1-2<br>BPOW 1-2<br>11/2/2015 | BPOW 1-3<br>BPOW 1-3<br>11/3/2015 | BPOW 1-4<br>BPOW 1-4<br>12/4/2015 | BPOW 1-5<br>BPOW 1-5<br>11/3/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCG (ug/L)[1] | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.38 J** | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | 50 | <10 | <10 | <10 | <10 | <10 |
| Methyl N-Butyl Ketone (2-Hexanone) | 50 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 4-Methyl-2-Pentanone | 50 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | 50 | <10 | <10 | <10 | <10 | <10 |
| Benzene | 1 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | 50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | 50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | 5 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | 50 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Tetrachloride | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | 7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,3-Dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | 5 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| Styrene (Monomer) | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Toluene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-Dichloroethene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-Dichloropropene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethene | 5 | **1.1** | **0.23 J** | <1.0 | <1.0 | <1.0 |
| Trichlorotrifluoroethane (Freon) | 5 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| Vinyl chloride | 2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| o-Xylene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| m,p-Xylene | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **TVOCs** | | **1.5** | **0.2** | 0 | 0 | 0 |

| Constituents<br>units in (ug/L) | BPOW 1-6<br>BPOW 1-6<br>11/5/2015 | BPOW 2-1<br>BPOW 2-1<br>9/28/2015 | BPOW 2-2<br>BPOW 2-2<br>9/28/2015 | BPOW 2-3<br>BPOW 2-3<br>9/29/2015 | BPOW 3-1<br>BPOW 3-1<br>11/6/2015 | BPOW 3-2<br>BPOW 3-2<br>11/6/2015 |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | <10 | <10 J | <10 J | <10 | <10 | <10 |
| Methyl N-Butyl Ketone (2-Hexanone) | <5.0 | <5.0 J | <5.0 J | <5.0 | <5.0 | <5.0 |
| 4-Methyl-2-Pentanone | <5.0 | <5.0 J | <5.0 J | <5.0 | <5.0 | <5.0 |
| Acetone | <10 | <10 J | <10 J | <10 | <10 | <10 |
| Benzene | <0.50 | <0.50 J | <0.50 J | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Bromoform | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Bromomethane | <2.0 | <2.0 J | <2.0 J | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | <2.0 | <2.0 J | <2.0 J | <2.0 | <2.0 | <2.0 |
| Carbon Tetrachloride | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Chlorobenzene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Chloroethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Chloroform | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Chloromethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| cis-1,2-Dichloroethene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| cis-1,3-Dichloropropene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | <2.0 | <2.0 J | <2.0 J | <2.0 | <2.0 | <2.0 |
| Styrene (Monomer) | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Toluene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| trans-1,2-Dichloroethene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| trans-1,3-Dichloropropene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Trichloroethene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| Trichlorotrifluoroethane (Freon) | <5.0 | <5.0 J | <5.0 J | <5.0 | <5.0 | <5.0 |
| Vinyl chloride | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| o-Xylene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| m,p-Xylene | <1.0 | <1.0 J | <1.0 J | <1.0 | <1.0 | <1.0 |
| **TVOCs** | 0 | 0 | 0 | 0 | 0 | 0 |

| Constituents<br>units in (ug/L) | BPOW 3-3<br>BPOW 3-3<br>11/4/2015 | BPOW 3-4<br>BPOW 3-4<br>12/11/2015 | BPOW 4-1R[(2)]<br>BPOW 4-1R<br>11/13/2015 | BPOW 4-2R[(2)]<br>BPOW 4-2R<br>11/12/2015 |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1,2-Trichloroethane | <1.0 | **0.68 J** | <1.0 | <1.0 |
| 1,1-Dichloroethane | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,1-Dichloroethene | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloroethane | <1.0 | <1.0 | <1.0 | <1.0 |
| 1,2-Dichloropropane | <1.0 | <1.0 | <1.0 | <1.0 |
| 2-Butanone (MEK) | <10 | <10 | <10 | <10 |
| Methyl N-Butyl Ketone (2-Hexanone) | <5.0 | <5.0 | <5.0 | <5.0 |
| 4-Methyl-2-Pentanone | <5.0 | <5.0 | <5.0 | <5.0 |
| Acetone | <10 | <10 | <10 | <10 |
| Benzene | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromodichloromethane | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromoform | <1.0 | <1.0 | <1.0 | <1.0 |
| Bromomethane | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Disulfide | <2.0 | <2.0 | <2.0 | <2.0 |
| Carbon Tetrachloride | <1.0 | **1.0** | <1.0 | <1.0 |
| Chlorobenzene | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroethane | <1.0 | <1.0 | <1.0 | <1.0 |
| Chloroform | <1.0 | **1.1** | <1.0 | <1.0 |
| Chloromethane | <1.0 | <1.0 | <1.0 | <1.0 |
| cis-1,2-Dichloroethene | <1.0 | **0.91 J** | <1.0 | <1.0 |
| cis-1,3-Dichloropropene | <1.0 | <1.0 | <1.0 | <1.0 |
| Dibromochloromethane | <1.0 | <1.0 | <1.0 | <1.0 |
| Ethylbenzene | <1.0 | <1.0 | <1.0 | <1.0 |
| Methylene Chloride | <2.0 | <2.0 | <2.0 | <2.0 |
| Styrene (Monomer) | <1.0 | <1.0 | <1.0 | <1.0 |
| Tetrachloroethene | <1.0 | <1.0 | <1.0 | <1.0 |
| Toluene | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,2-Dichloroethene | <1.0 | <1.0 | <1.0 | <1.0 |
| trans-1,3-Dichloropropene | <1.0 | <1.0 | <1.0 | <1.0 |
| Trichloroethene | <1.0 | **80.7** | **1.0** | **1.5** |
| Trichlorotrifluoroethane (Freon) | <5.0 | <5.0 | **14.0** | **11.2** |
| Vinyl chloride | <1.0 | <1.0 | <1.0 | <1.0 |
| o-Xylene | <1.0 | <1.0 | <1.0 | <1.0 |
| m,p-Xylene | <1.0 | <1.0 | <1.0 | <1.0 |
| **TVOCs** | 0 | **84** | **15** | **13** |

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation
Remedial Action, Bureau A
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015

Subject:
Results of First Quarter 2016 System Operation and Monitoring, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York, NYSDEC Site #1-30-003A.

ENVIRONMENT

Date:
May 27, 2016

Contact:
David E. Stern

Phone:
631.391.5284

Email:
David E. Stern@arcadis.com

Our ref:
NY001496.115I.OMMI4

Dear Steve:

Enclosed are the results of Operable Unit 3 Bethpage Park Groundwater Containment System (OU3 BPGWCS) operation and monitoring, performed in accordance with the NYSDEC-approved OU3 Groundwater IRM OM&M Manual (ARCADIS 2009) and the NYSDEC-approved Sampling and Analysis Plan (SAP; ARCADIS 2009). As we have transitioned to electronic submittals (via PDF) as part of ongoing sustainability and cost savings efforts, hard copies of the report can be provided on request.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Arcadis of New York, Inc.

David E. Stern

Senior Hydrogeologist

Enclosure

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | B24MW-2 4/23/2009 | B24MW-2 10/4/2010 | B24MW-2 10/27/2011 | B24MW-2 10/3/2012 | B24MW-2 6/13/2013 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 | < 50 J |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 J |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 J |
| Acetone | NE | < 50 B | < 50 | < 50 B | < 50 | < 50 J |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.70 J |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | **0.41 J** | < 5.0 J |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Chloroform | 7 | < 5 | **0.3 J** | < 5 | **1.3 J** | **0.21 J** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| cis-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | **1.9 J** | **0.23 J** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Methyl-Tert-Butylether | 5 | -- | < 5 | -- | **0.45 J** | **0.21 J** |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Trichloroethene | 5 | **3.7 J** | **4.4 J** | **3.2 J** | **25** | **4.3 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2.0 J |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| **Total VOCs** [3] | | **3.7** | **4.7** | **3.2** | **29.06** | **5.0** |
| **Project VOCs** [4] | | **3.7** | **4.4** | **3.2** | **26.9** | **4.5** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | B24MW-2 11/13/2014 | B24MW-2 12/28/2015 | B24MW-3 4/20/2009 | B24MW-3 10/6/2010 | B24MW-3 10/27/2011 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | *< 1.0* | **0.62 J** | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 2-Butanone | NE | < 10 | *< 10* | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 5.0 | *< 5.0* | < 50 J | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | *< 5.0* | < 50 J | < 50 | < 50 |
| Acetone | NE | < 10 | *< 10* | < 50 | < 50 | < 50 |
| Benzene | 1 | < 1.0 | *< 0.50* | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 4.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 2.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 2.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | *< 5.0* | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chloroform | 7 | < 1.0 | *< 1.0* | < 5 | < 5 | **0.32 J** |
| Chloromethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | *< 1.0* | **10** | **1.2 J** | **0.4 J** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorodibromomethane | 50 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | < 1.0 | *< 1.0* | -- | < 5 | -- |
| Methylene Chloride | 5 | < 2.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Styrene (Monomer) | 5 | < 5.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 1.0 | *< 1.0* | **0.51 J** | < 5 | < 5 |
| Toluene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Trichloroethene | 5 | **2.7** | ***2.7*** | **45** | **5.9** | **1.4 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | *< 5.0* | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 1.0 | *< 1.0* | < 2 | < 2 | < 2 |
| o-Xylene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| m,p-Xylene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| **Total VOCs** [3] | | **2.7** | ***2.7*** | **56** | **7.1** | **2.12** |
| **Project VOCs** [4] | | **2.7** | **2.7** | **56.1** | **7.1** | **1.8** |
| **1,4-Dioxane** | | **--** | **0.185** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | B24MW-3 10/4/2012 | B24MW-3 6/13/2013 | B24MW-3 11/13/2014 | B24MW-3 12/28/2015 | B30MW-1 4/23/2009 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| 2-Butanone | NE | < 50 | < 50 J | < 10 | *< 10* | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 J | < 5.0 | *< 5.0* | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 J | < 5.0 | *< 5.0* | < 50 |
| Acetone | NE | < 50 | < 50 J | < 10 J | *< 10* | < 50 B |
| Benzene | 1 | < 0.7 | < 0.70 J | < 1.0 | *< 0.50* | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Bromoform | 50 | < 5 | < 5.0 J | < 4.0 | *< 1.0* | < 5 |
| Bromomethane | 5 | < 5 | < 5.0 J | < 2.0 | *< 2.0* | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5.0 J | < 2.0 | *< 2.0* | < 5 |
| Carbon Tetrachloride | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Chlorobenzene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5.0 J | < 5.0 | *< 5.0* | < 5 |
| Chloroethane | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Chloroform | 7 | **0.38 J** | **1.3 J** | **0.28 J** | ***0.30 J*** | < 5 |
| Chloromethane | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| cis-1,2-Dichloroethene | 5 | **0.62 J** | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Chlorodibromomethane | 50 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5.0 J | < 5.0 | *< 2.0* | < 5 |
| Ethylbenzene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Methyl-Tert-Butylether | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | -- |
| Methylene Chloride | 5 | < 5 | < 5.0 J | < 2.0 | *< 2.0* | < 5 |
| Styrene (Monomer) | 5 | < 5 | < 5.0 J | < 5.0 | *< 1.0* | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Toluene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| Trichloroethene | 5 | **1 J** | **0.44 J** | < 1.0 | ***0.25 J*** | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5.0 J | < 5.0 | *< 5.0* | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2.0 J | < 1.0 | *< 1.0* | < 2 |
| o-Xylene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| m,p-Xylene | 5 | < 5 | < 5.0 J | < 1.0 | *< 1.0* | < 5 |
| **Total VOCs** [3] | | **2** | **1.7** | **0.28** | ***0.55*** | **0** |
| **Project VOCs** [4] | | **1.62** | **0.4** | **0** | ***0.25*** | **0** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **0.257** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | B30MW-1 10/4/2010 | B30MW-1 10/27/2011 | B30MW-1 10/3/2012 | B30MW-1 6/14/2013 | B30MW-1 11/13/2014 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 | < 10 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 5.0 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 5.0 |
| Acetone | NE | < 50 B | < 50 | < 50 | < 50 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.70 | < 1.0 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5.0 | < 4.0 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chloroform | 7 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Methyl-Tert-Butylether | 5 | < 5 | -- | < 5 | < 5.0 | < 1.0 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Trichloroethene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2.0 | < 1.0 |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| **Total VOCs [3]** | | **0** | **0** | **0** | **0** | **0** |
| **Project VOCs [4]** | | **0** | **0** | **0** | **0** | **0** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | B30MW-1 12/31/2015 | BCPMW-1 4/28/2009 | BCPMW-2 4/28/2009 | BCPMW-3 4/29/2009 | BCPMW-4-1 4/17/2009 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| 1,1-Dichloroethane | 5 | < 1.0 | **0.37 J** | **8 J** | **9.6 J** | **6.5 J** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 5 | **3.8 J** | **43** | **1.8 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 5 | **0.68 J** | < 25 | < 25 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| 2-Butanone | NE | < 10 | < 50 | < 100 | < 250 | < 250 |
| 2-Hexanone | 50 | < 5.0 | < 50 | < 100 | < 250 | < 250 J |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | < 50 | < 100 | < 250 | < 250 J |
| Acetone | NE | < 10 | < 50 B | < 100 | < 250 | < 250 J |
| Benzene | 1 | < 0.50 | < 0.7 | < 1.4 | < 3.5 | < 3.5 |
| Bromodichloromethane | 50 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Bromoform | 50 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Bromomethane | 5 | < 2.0 | < 5 | < 10 | < 25 | < 25 |
| Carbon Disulfide | 60 | < 2.0 | < 5 | < 10 | < 25 | < 25 |
| Carbon Tetrachloride | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Chlorobenzene | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | < 5 | < 10 | < 25 | **17 J** |
| Chloroethane | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Chloroform | 7 | < 1.0 | **0.88 J** | < 10 | < 25 | < 25 |
| Chloromethane | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | **22** | **310** | **900** | **1800 D** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Chlorodibromomethane | 50 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 2.0 | < 5 | < 10 | < 25 | < 25 |
| Ethylbenzene | 5 | < 1.0 | < 5 | < 10 | < 25 B | < 25 |
| Methyl-Tert-Butylether | 5 | < 1.0 | -- | -- | -- | -- |
| Methylene Chloride | 5 | < 2.0 | **0.52 J** | < 10 | < 25 | < 25 |
| Styrene (Monomer) | 5 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Tetrachloroethene | 5 | < 1.0 | < 5 | **1.5 J** | < 25 | < 25 |
| Toluene | 5 | < 1.0 | **0.33 J** | < 10 | < 25 B | < 25 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | **0.44 J** | **2.4 J** | **8.9 J** | **110** |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 5 | < 10 | < 25 | < 25 |
| Trichloroethene | 5 | < 1.0 | **190** | **180** | **470** | **22 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | < 5 | < 10 | < 25 | < 25 |
| Vinyl Chloride | 2 | < 1.0 | < 2 | **4.1** | **300** | **180** |
| o-Xylene | 5 | < 1.0 | < 5 | < 10 | < 25 B | < 25 |
| m,p-Xylene | 5 | < 1.0 | < 5 | < 10 | < 25 B | < 25 |
| **Total VOCs** [3] | | **0** | **220** | **510** | **1700** | **2100** |
| **Project VOCs** [4] | | **0** | **210** | **510** | **1700** | **2100** |
| **1,4-Dioxane** | | **< 0.10** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-1 12/1/2009 | BCPMW-4-1 10/4/2010 | BCPMW-4-1 10/28/2011 | BCPMW-4-1 10/3/2012 | BCPMW-4-1 6/5/2013 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | **2.4 J** | **14 J** | **10 J** | **29** | **5.1** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | 0.38 J | < 25 | < 25 | **1.7 J** | **0.24 J** |
| 1,1-Dichloroethane | 5 | **46** | **38** | **18 J** | **39** | **7.4** |
| 1,1-Dichloroethene | 5 | **14** | **21 J** | **13 J** | **24 J** | **4.1 J** |
| 1,2-Dichloroethane | 0.6 | **0.65 J** | < 25 | **2.1 J** | **4.8 J** | **0.95 J** |
| 1,2-Dichloropropane | 1 | **4.7 J** | **3.8 J** | **1.9 J** | **5.1 J** | **0.95 J** |
| 2-Butanone | NE | < 50 | < 250 | < 250 | < 250 | < 50 |
| 2-Hexanone | 50 | < 50 | < 250 | < 250 | < 250 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 250 | < 250 | < 250 | < 50 |
| Acetone | NE | < 50 | < 250 | < 250B | < 250 | < 50 |
| Benzene | 1 | **0.44 J** | < 3.5 | < 3.5 | < 3.5 | < 0.70 |
| Bromodichloromethane | 50 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Bromoform | 50 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Bromomethane | 5 | R | < 25 | < 25 | < 25 | < 5.0 |
| Carbon Disulfide | 60 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Carbon Tetrachloride | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Chlorobenzene | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Chlorodifluoromethane (Freon 22) | NE | **6.2** | **4.3 J** | **2.5 J** | < 25 | **1.1 J** |
| Chloroethane | 5 | 2.4 J | 4.1 J | < 25 | **1.6 J** | **0.46 J** |
| Chloroform | 7 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Chloromethane | 5 | R | < 25 | < 25 | < 25 | < 5.0 |
| cis-1,2-Dichloroethene | 5 | **750 D** | **510** | **500** | **840** | **310 D** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Chlorodibromomethane | 50 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Ethylbenzene | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Methyl-Tert-Butylether | 5 | -- | < 25 | < 25 | < 25 | < 5.0 |
| Methylene Chloride | 5 | < 5 | < 25 | < 25 B | < 25 | < 5.0 |
| Styrene (Monomer) | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Tetrachloroethene | 5 | 0.64 J | < 25 | < 25 | < 25 | **0.37 J** |
| Toluene | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| trans-1,2-Dichloroethene | 5 | **2.5 J** | **3.9 J** | **1.3 J** | **2.2 J** | **0.78 J** |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Trichloroethene | 5 | **170** | **45** | **43** | **110** | **16** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| Vinyl Chloride | 2 | **540 D** | **220** | **32** | **420** | **47** |
| o-Xylene | 5 | **8** | < 25 | < 25 | < 25 | < 5.0 |
| m,p-Xylene | 5 | < 5 | < 25 | < 25 | < 25 | < 5.0 |
| **Total VOCs** [3] | | **1500** | **860** | **620** | **1500** | **390** |
| **Project VOCs** [4] | | **1500** | **850** | **619.6** | **1500** | **390** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-1 11/17/2014 | BCPMW-4-1 10/8/2015 | BCPMW-4-1 12/30/2015 | BCPMW-4-2 4/17/2009 | BCPMW-4-2 12/4/2009 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | **2.4** | **4.2** | ***7.3*** | < 250 | < 10 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | | *< 1.0* | < 250 | < 10 |
| 1,1,2-Trichloroethane | 1 | **0.42 J** | **1.1** | ***1.7*** | < 250 | < 10 |
| 1,1-Dichloroethane | 5 | **7.3** | **13.3** | ***27.1*** | **57 J** | **8.7 J** |
| 1,1-Dichloroethene | 5 | **1.1** | **0.98 J** | ***1.7*** | **34 J** | **2.7 J** |
| 1,2-Dichloroethane | 0.6 | **0.70 J** | **0.97 J** | ***1.3*** | < 250 | < 10 |
| 1,2-Dichloropropane | 1 | **0.61 J** | **0.95** | ***1.5*** | < 250 | < 10 |
| 2-Butanone | NE | < 10 | < 10 | *< 10* | < 2500 | < 100 |
| 2-Hexanone | 50 | < 5.0 | < 5.0 | *< 5.0* | < 2500 J | < 100 |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | < 5.0 | *< 5.0* | < 2500 J | < 100 |
| Acetone | NE | < 10 | < 10 | *< 10* | < 2500 J | < 100 |
| Benzene | 1 | < 1.0 | < 0.50 | *< 0.50* | < 35 | < 1.4 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Bromoform | 50 | < 4.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Bromomethane | 5 | < 2.0 | < 2.0 | *< 2.0* | < 250 | < 10 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | *< 2.0* | < 250 | < 10 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | < 5.0 | *< 5.0* | < 250 | **0.8 J** |
| Chloroethane | 5 | < 1.0 | < 1.0 | *< 1.0* | < 250 | **1.1 J** |
| Chloroform | 7 | **0.61 J** | **0.70 J** | ***1.1*** | < 250 | < 10 |
| Chloromethane | 5 | < 1.0 | < 1.0 | *< 1.0* | < 250 | R |
| cis-1,2-Dichloroethene | 5 | **207 D** | **156** | ***252 D*** | **18000 D** | **270** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5.0 | < 2.0 | *< 2.0* | < 250 | < 10 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | *< 1.0* | **62 J** | **0.78 J** |
| Methyl-Tert-Butylether | 5 | < 1.0 | < 1.0 | *< 1.0* | -- | -- |
| Methylene Chloride | 5 | < 2.0 | < 2.0 | *< 2.0* | < 250 | < 10 |
| Styrene (Monomer) | 5 | < 5.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Tetrachloroethene | 5 | **0.80 J** | **1.1** | ***1.1*** | < 250 | **0.82 J** |
| Toluene | 5 | < 1.0 | < 1.0 | *< 1.0* | **2400** | < 10 B |
| trans-1,2-Dichloroethene | 5 | **0.59 J** | < 1.0 | ***0.86 J*** | < 250 | **1.3 J** |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | *< 1.0* | < 250 | < 10 |
| Trichloroethene | 5 | **34.7** | **68.1** | ***81.5*** | < 250 | **310** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | < 5.0 | *< 5.0* | < 250 | < 10 |
| Vinyl Chloride | 2 | **21** | **13** | ***197*** | **6300** | **58** |
| o-Xylene | 5 | < 1.0 | < 1.0 | ***0.70 J*** | **110 J** | < 10 B |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | *< 1.0* | **190 J** | < 10 B |
| **Total VOCs** [3] | | **280** | **260** | ***570*** | **27000** | **660** |
| **Project VOCs** [4] | | **280** | **260** | ***570*** | **27000** | **650** |
| **1,4-Dioxane** | | **--** | **--** | ***37.7*** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-2 10/7/2010 | BCPMW-4-2 10/28/2011 | BCPMW-4-2 10/3/2012 | BCPMW-4-2 6/5/2013 | BCPMW-4-2 11/18/2014 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | **0.33 J** | **0.23 J** | **0.22 J** | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **7.3** | **2.6 J** | **1.4 J** | **1.5 J** | < 1.0 |
| 1,1-Dichloroethene | 5 | **1.9 J** | **1.1 J** | **0.8 J** | **0.49 J** | < 1.0 |
| 1,2-Dichloroethane | 0.6 | **0.91 J** | **0.85 J** | **0.45 J** | **0.52 J** | < 1.0 |
| 1,2-Dichloropropane | 1 | **0.9 J** | **0.39 J** | < 5 | < 5.0 | < 1.0 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 | < 10 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 5.0 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 5.0 |
| Acetone | NE | < 50 B | < 50 | < 50 | **1.8 J** | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 U | < 0.7 | < 0.70 | < 1.0 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5.0 | < 4.0 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Chloroethane | 5 | **0.79 J** | < 5 | < 5 | < 5.0 | < 1.0 |
| Chloroform | 7 | **0.96 J** | **0.62 J** | **0.54 J** | **3.3 J** | **3.2** |
| Chloromethane | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **99** | **59** | **70** | **47** | **8.6** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Methyl-Tert-Butylether | 5 | **0.35 J** | **0.28 J** | **0.29 J** | **0.26 J** | < 1.0 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5.0 | < 2.0 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | **0.73 J** | **0.59 J** | **0.91 J** | **0.63 J** | < 1.0 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | **0.65 J** | **0.41 J** | **0.5 J** | **0.40 J** | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5.0 | < 1.0 |
| Trichloroethene | 5 | **66** | **50** | **68** | **56** | **9.1** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| Vinyl Chloride | 2 | **54** | **20** | **9.5** | **9.7** | **1.6** |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5.0 | < 5.0 |
| **Total VOCs** [3] | | **230** | **140** | **150** | **120** | **23** |
| **Project VOCs** [4] | | **230** | **130** | **150** | **120** | **19** |
| **1,4-Dioxane** | | -- | -- | -- | -- | -- |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-2 10/8/2015 | BCPMW-4-2 12/31/2015 | BCPMW-4-2 (REP) 12/31/2015 | BCPMW-4-3 4/17/2009 |
|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 1,1-Dichloroethane | 5 | **0.48 J** | ***0.23 J*** | ***0.24 J*** | < 5 |
| 1,1-Dichloroethene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 1,2-Dichloropropane | 1 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| 2-Butanone | NE | < 10 | *< 10* | *< 10* | < 50 |
| 2-Hexanone | 50 | < 5.0 | *< 5.0* | *< 5.0* | < 50 J |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | *< 5.0* | *< 5.0* | < 50 J |
| Acetone | NE | < 10 | *< 10* | *< 10* | < 50 J |
| Benzene | 1 | < 0.50 | *< 0.50* | *< 0.50* | < 0.7 |
| Bromodichloromethane | 50 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Bromoform | 50 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Bromomethane | 5 | < 2.0 | *< 2.0* | *< 2.0* | < 5 |
| Carbon Disulfide | 60 | < 2.0 | *< 2.0* | *< 2.0* | < 5 |
| Carbon Tetrachloride | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Chlorobenzene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | *< 5.0* | *< 5.0* | < 5 |
| Chloroethane | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Chloroform | 7 | **1.3** | ***2.0*** | ***2.0*** | **0.53 J** |
| Chloromethane | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| cis-1,2-Dichloroethene | 5 | **29.7** | ***13.3*** | ***13.2*** | **0.37 J** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Chlorodibromomethane | 50 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 2.0 | *< 2.0* | *< 2.0* | < 5 |
| Ethylbenzene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Methyl-Tert-Butylether | 5 | < 1.0 | *< 1.0* | *< 1.0* | -- |
| Methylene Chloride | 5 | < 2.0 | *< 2.0* | *< 2.0* | < 5 |
| Styrene (Monomer) | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Tetrachloroethene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Toluene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| Trichloroethene | 5 | **25.6** | ***16.0*** | ***16.3*** | **0.56 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | *< 5.0* | *< 5.0* | < 5 |
| Vinyl Chloride | 2 | **3.7** | ***0.96 J*** | ***0.92 J*** | < 2 |
| o-Xylene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| m,p-Xylene | 5 | < 1.0 | *< 1.0* | *< 1.0* | < 5 |
| **Total VOCs** [3] | | **61** | ***32*** | ***33*** | **1.5** |
| **Project VOCs** [4] | | **59** | ***30*** | ***31*** | **0.93** |
| **1,4-Dioxane** | | **--** | ***0.858*** | ***0.982*** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-3 12/1/2009 | BCPMW-4-3 10/7/2010 | BCPMW-4-3 10/28/2011 | BCPMW-4-3 10/3/2012 |
|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | NE | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.32 J** | < 5 | < 5 | **0.2 J** |
| Chloromethane | 5 | R | < 5 | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | -- | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | < 5 | < 5 | **0.27 J** | **0.3 J** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | 5 | **0.51 J** | **0.41 J** | **0.74 J** | **0.84 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | **0.38 J** | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** [3] | | **0.83** | **0.41** | **1.4** | **1.3** |
| **Project VOCs** [4] | | **0.51** | **0.41** | **1.01** | **1.14** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-4-3 (REP) 6/5/2013 | BCPMW-4-3 6/5/2013 | BCPMW-4-3 11/17/2014 | BCPMW-4-3 12/31/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | |
| 1,1,1-Trichloroethane | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1,2,2-Tetrachloroethane | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1,2-Trichloroethane | 1 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1-Dichloroethane | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1-Dichloroethene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,2-Dichloroethane | 0.6 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,2-Dichloropropane | 1 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 2-Butanone | NE | < 50 | < 50 | < 10 | *< 10* |
| 2-Hexanone | 50 | < 50 | < 50 | < 5.0 | *< 5.0* |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 5.0 | *< 5.0* |
| Acetone | NE | < 50 | < 50 | < 10 | *< 10* |
| Benzene | 1 | < 0.70 | < 0.70 | < 1.0 | *< 0.50* |
| Bromodichloromethane | 50 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Bromoform | 50 | < 5.0 | < 5.0 | < 4.0 | *< 1.0* |
| Bromomethane | 5 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Disulfide | 60 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Tetrachloride | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorobenzene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | < 5.0 | < 5.0 | *< 5.0 J* |
| Chloroethane | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chloroform | 7 | **0.97 J** | **1.1 J** | **0.58 J** | *< 1.0* |
| Chloromethane | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| cis-1,2-Dichloroethene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| cis-1,3-Dichloropropene | 0.4 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodibromomethane | 50 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5.0 | < 5.0 | < 5.0 | *< 2.0* |
| Ethylbenzene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Methyl-Tert-Butylether | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Methylene Chloride | 5 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < 5.0 | *< 1.0* |
| Tetrachloroethene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Toluene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,2-Dichloroethene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,3-Dichloropropene | 0.4 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Trichloroethene | 5 | **0.34 J** | **0.39 J** | < 1.0 | *< 1.0* |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | < 5.0 | < 5.0 | *< 5.0 J* |
| Vinyl Chloride | 2 | < 2.0 | < 2.0 | < 1.0 | *< 1.0* |
| o-Xylene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| m,p-Xylene | 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| **Total VOCs** [3] | | **1.3** | **1.5** | **0.58** | ***0*** |
| **Project VOCs** [4] | | **0.34** | **0.39** | **0** | ***0*** |
| **1,4-Dioxane** | | **--** | **--** | **--** | ***0.263*** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-5-1 4/23/2009 | BCPMW-6-1 4/20/2009 | BCPMW-6-1 12/4/2009 | BCPMW-6-1 10/6/2010 | BCPMW-6-1 10/31/2011 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| 1,1,2,2-Tetrachloroethane | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| 1,1,2-Trichloroethane | 1 | < 100 | < 5 | < 5 | < 100 | < 250 |
| 1,1-Dichloroethane | 5 | < 100 | **0.3 J** | < 5 | < 100 | < 250 |
| 1,1-Dichloroethene | 5 | **21 J** | < 5 | < 5 | < 100 | < 250 |
| 1,2-Dichloroethane | 0.6 | < 100 | < 5 | < 5 | < 100 | < 250 |
| 1,2-Dichloropropane | 1 | < 100 | < 5 | < 5 | < 100 | < 250 |
| 2-Butanone | NE | < 1000 | < 50 | < 50 | < 1000 | < 2500 |
| 2-Hexanone | 50 | < 1000 | < 50 J | < 50 | < 1000 | < 2500 |
| 4-Methyl-2-Pentanone | 50 | < 1000 | < 50 J | < 50 | < 1000 | < 2500 |
| Acetone | NE | < 1000 | < 50 J | < 50 | < 1000 | < 2500 |
| Benzene | 1 | < 14 | < 0.7 | < 0.7 | < 14 | < 35 |
| Bromodichloromethane | 50 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Bromoform | 50 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Bromomethane | 5 | < 100 | < 5 | R | < 100 | < 250 |
| Carbon Disulfide | 60 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Carbon Tetrachloride | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Chlorobenzene | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Chlorodifluoromethane (Freon 22) | NE | < 100 | **4500 D** | **1700 EJ** | **10000 D** | **7100** |
| Chloroethane | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Chloroform | 7 | < 100 | **1.7 J** | **0.32 J** | < 100 | < 250 |
| Chloromethane | 5 | < 100 | < 5 | R | < 100 | < 250 |
| cis-1,2-Dichloroethene | 5 | **960** | **21** | **1.7 J** | < 100 | < 250 |
| cis-1,3-Dichloropropene | 0.4 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Chlorodibromomethane | 50 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Ethylbenzene | 5 | **48 J** | < 5 | < 5 | < 100 | < 250 |
| Methyl-Tert-Butylether | 5 | -- | -- | -- | <100 | < 250 |
| Methylene Chloride | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Styrene (Monomer) | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Tetrachloroethene | 5 | < 100 | **0.34 J** | < 5 | < 100 | < 250 |
| Toluene | 5 | **2700** | < 5 | < 5 | < 100 | < 250 |
| trans-1,2-Dichloroethene | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| trans-1,3-Dichloropropene | 0.4 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Trichloroethene | 5 | **220** | **4.9 J** | **1.6 J** | < 100 | < 250 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 100 | < 5 | < 5 | < 100 | < 250 |
| Vinyl Chloride | 2 | **330** | < 2 | < 2 | < 40 | < 100 |
| o-Xylene | 5 | **40 J** | < 5 | < 5 | < 100 | < 250 |
| m,p-Xylene | 5 | **110** | < 5 | < 5 | < 100 | < 250 |
| **Total VOCs** [3] | | **4400** | **4500** | **1700** | **10000** | **7100** |
| **Project VOCs** [4] | | **4400** | **26.54** | **2.3** | **0** | **0** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-6-1 10/3/2012 | BCPMW-6-1 6/7/2013 | BCPMW-6-1 11/11/2014 | BCPMW-6-1 12/23/2015 | BCPMW-6-2 5/8/2009 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 1,1,2-Trichloroethane | 1 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 1,1-Dichloroethane | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | **0.37 J** |
| 1,1-Dichloroethene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 1,2-Dichloroethane | 0.6 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 1,2-Dichloropropane | 1 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| 2-Butanone | NE | < 1000 | < 130 | < 10 | *< 10* | < 50 |
| 2-Hexanone | 50 | < 1000 | < 130 | < 5.0 | *< 5.0* | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 1000 | < 130 | < 5.0 | *< 5.0* | < 50 |
| Acetone | NE | < 1000 | < 130 | < 10 | *< 10* | < 50 |
| Benzene | 1 | < 14 | < 1.8 | < 1.0 | *< 0.50* | < 0.7 |
| Bromodichloromethane | 50 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Bromoform | 50 | < 100 | < 13 | < 4.0 | *< 1.0* | < 5 |
| Bromomethane | 5 | < 100 | < 13 | < 2.0 | *< 2.0* | < 5 |
| Carbon Disulfide | 60 | < 100 | < 13 | < 2.0 | *< 2.0* | < 5 |
| Carbon Tetrachloride | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Chlorobenzene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | **2100** | **400** | < 5.0 | *< 5.0* | < 5 |
| Chloroethane | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Chloroform | 7 | < 100 | < 13 | < 1.0 | *< 1.0* | **0.53 J** |
| Chloromethane | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| cis-1,2-Dichloroethene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| cis-1,3-Dichloropropene | 0.4 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Chlorodibromomethane | 50 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 100 | < 13 | < 5.0 | *< 2.0* | < 5 |
| Ethylbenzene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Methyl-Tert-Butylether | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | -- |
| Methylene Chloride | 5 | < 100 | < 13 | < 2.0 | *< 2.0* | < 5 |
| Styrene (Monomer) | 5 | < 100 | < 13 | < 5.0 | *< 1.0* | < 5 |
| Tetrachloroethene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Toluene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| trans-1,2-Dichloroethene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Trichloroethene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 100 | < 13 | < 5.0 | *< 5.0* | < 5 |
| Vinyl Chloride | 2 | < 40 | < 5.0 | < 1.0 | *< 1.0* | < 2 |
| o-Xylene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| m,p-Xylene | 5 | < 100 | < 13 | < 1.0 | *< 1.0* | < 5 |
| **Total VOCs** [3] | | **2100** | **400** | **0** | ***0*** | **0.9** |
| **Project VOCs** [4] | | **0** | **0** | **0** | ***0*** | **0.37** |
| **1,4-Dioxane** | | **--** | **--** | **--** | ***< 0.10*** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-6-2 12/4/2009 | BCPMW-6-2 10/6/2010 | BCPMW-6-2 10/31/2011 | BCPMW-6-2 10/3/2012 | BCPMW-6-2 6/5/2013 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.78 J** | < 5 | < 5 | < 5 | < 5.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| 1,1-Dichloroethane | 5 | **0.65 J** | **0.47 J** | **0.41 J** | **0.23 J** | **0.31 J** |
| 1,1-Dichloroethene | 5 | **0.44 J** | < 5 | **0.3 J** | < 5 | < 5.0 J |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | NE | < 50 | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.70 J |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Bromomethane | 5 | R | < 5 | < 5 | < 5 | < 5.0 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | **0.64 J** | < 5.0 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Chloroform | 7 | < 5 | **0.41 J** | **0.3 J** | **0.38 J** | **0.93 J** |
| Chloromethane | 5 | R | < 5 | < 5 | < 5 | < 5.0 |
| cis-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Methyl-Tert-Butylether | 5 | -- | <5 | **0.33 J** | **0.24 J** | **0.36 J** |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Tetrachloroethene | 5 | **0.79 J** | **2.1 J** | **1.8 J** | **1.6 J** | **1.3 J** |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 J |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Trichloroethene | 5 | **0.45 J** | < 5 | < 5 | < 5 | < 5.0 J |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2.0 |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5.0 |
| **Total VOCs** [3] | | **3.1** | **2.98** | **3.1** | **3.1** | **2.9** |
| **Project VOCs** [4] | | **3.1** | **2.59** | **2.51** | **1.83** | **1.6** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-6-2 11/11/2014 | BCPMW-6-2 12/23/2015 | BCPMW-7-1 4/20/2009 | BCPMW-7-1 12/1/2009 | BCPMW-7-1 10/7/2010 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | **0.41 J** | *< 1.0* | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| 2-Butanone | NE | < 10 | *< 10* | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 5.0 | *< 5.0* | < 50 J | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | *< 5.0* | < 50 J | < 50 | < 50 |
| Acetone | NE | < 10 | *< 10* | < 50 | < 50 | < 50 |
| Benzene | 1 | < 1.0 | *< 0.50* | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 4.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 2.0 | *< 2.0* | < 5 | R | < 5 |
| Carbon Disulfide | 60 | < 2.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | *< 5.0* | **2.6 J** | **1.5 J** | **5.2** |
| Chloroethane | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chloroform | 7 | **0.30 J** | *< 1.0* | < 5 | < 5 | < 5 |
| Chloromethane | 5 | < 1.0 | *< 1.0* | < 5 | R | < 5 |
| cis-1,2-Dichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Chlorodibromomethane | 50 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | **0.26 J** | *< 1.0* | -- | -- | < 5 |
| Methylene Chloride | 5 | < 2.0 | *< 2.0* | < 5 | < 5 | < 5 |
| Styrene (Monomer) | 5 | < 5.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **0.35 J** | *< 1.0* | < 5 | < 5 | < 5 |
| Toluene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Trichloroethene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | *< 5.0* | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 1.0 | *< 1.0* | < 2 | < 2 | < 2 |
| o-Xylene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| m,p-Xylene | 5 | < 1.0 | *< 1.0* | < 5 | < 5 | < 5 |
| **Total VOCs** [3] | | **1.3** | ***0*** | **2.6** | **1.5** | **5.2** |
| **Project VOCs** [4] | | **0.76** | ***0*** | **0** | **0** | **0** |
| **1,4-Dioxane** | | **--** | ***< 0.10*** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | BCPMW-7-1 11/1/2011 | BCPMW-7-1 10/4/2012 | BCPMW-7-1 6/7/2013 | BCPMW-7-1 11/18/2014 | BCPMW-7-1 12/22/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1-Dichloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 10 J | *< 10* |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 5.0 J | *< 5.0* |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 5.0 | *< 5.0* |
| Acetone | NE | < 50 | < 50 | < 50 | < 10 J | *< 10* |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.70 | < 1.0 | *< 0.50* |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Bromoform | 50 | < 5 | < 5 | < 5.0 | < 4.0 | *< 1.0* |
| Bromomethane | 5 | < 5 | < 5 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorobenzene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodifluoromethane (Freon 22) | NE | **9.2** | **3.6 J** | **2.5 J** | < 5.0 | *< 5.0* |
| Chloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Chloroform | 7 | < 5 | **0.37 J** | **0.29 J** | **0.25 J** | *< 1.0* |
| Chloromethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| cis-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5.0 | < 5.0 | *< 2.0* |
| Ethylbenzene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Methyl-Tert-Butylether | 5 | **0.22 J** | **0.26 J** | **0.22 J** | < 1.0 | *< 1.0* |
| Methylene Chloride | 5 | < 5 | < 5 | < 5.0 | < 2.0 | *< 2.0* |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5.0 | < 5.0 | *< 1.0* |
| Tetrachloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Toluene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Trichloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5.0 | < 5.0 | *< 5.0* |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2.0 | < 1.0 | *< 1.0* |
| o-Xylene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| m,p-Xylene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | *< 1.0* |
| **Total VOCs** [3] | | **9.4** | **4.2** | **3.0** | **0.25** | ***0*** |
| **Project VOCs** [4] | | **0.2** | **0** | **0** | **0** | ***0*** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | ***< 0.10*** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-200-1 4/29/2009 | MW-200-1 12/2/2009 | MW-200-1 10/5/2010 | MW-200-1 11/3/2011 | MW-200-1 10/4/2012 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | **0.79 J** | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 50 | < 50 |
| Acetone | NE | < 50 B | < 50 | < 50 | < 50 | < 50 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | < 5 | R | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroethane | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | **2.3 J** | **2.3 J** | **0.5 J** | **0.21 J** | < 5 |
| Chloromethane | 5 | < 5 | R | < 5 | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | **38** | **5.7** | **3.5 J** | **11** | **1.5 J** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | -- | -- | < 5 | < 5 | < 5 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | **0.54 J** | < 5 | < 5 | **0.43 J** | < 5 |
| Toluene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | **0.3 J** | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | 5 | **34** | **12** | **7** | **20** | **3.8 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| o-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** [3] | | **75.93** | **20** | **11** | **31.64** | **5.3** |
| **Project VOCs** [4] | | **73.6** | **17.7** | **10.5** | **31.43** | **5.3** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-200-1 5/31/2013 | MW-200-1 11/18/2014 | MW-200-1 12/24/2015 | MW-201-1 5/1/2009 | MW-201-1 12/2/2009 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 5.0 | < 1.0 | < *1.0* | **5.5 J** | **3.3 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| 1,1,2-Trichloroethane | 1 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| 1,1-Dichloroethane | 5 | < 5.0 | < 1.0 | < *1.0* | **10 J** | **9 J** |
| 1,1-Dichloroethene | 5 | < 5.0 | < 1.0 | < *1.0* | **7.9 J** | **8.1 J** |
| 1,2-Dichloroethane | 0.6 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| 1,2-Dichloropropane | 1 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| 2-Butanone | NE | < 50 | < 10 | < *10* | < 250 | < 500 |
| 2-Hexanone | 50 | < 50 | < 5.0 | < *5.0* | < 250 | < 500 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 5.0 | < *5.0* | < 250 | < 500 |
| Acetone | NE | < 50 | < 10 | < *10* | < 250 B | < 500 |
| Benzene | 1 | < 0.70 | < 1.0 | < *0.50* | < 3.5 | < 7 |
| Bromodichloromethane | 50 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Bromoform | 50 | < 5.0 | < 4.0 | < *1.0* | < 25 | < 50 |
| Bromomethane | 5 | < 5.0 | < 2.0 | < *2.0* | < 25 | < 50 |
| Carbon Disulfide | 60 | < 5.0 | < 2.0 | < *2.0* | < 25 | < 50 |
| Carbon Tetrachloride | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Chlorobenzene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | < 5.0 | < *5.0* | < 25 | < 50 |
| Chloroethane | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Chloroform | 7 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Chloromethane | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | R |
| cis-1,2-Dichloroethene | 5 | **0.41 J** | < 1.0 | < *1.0* | **970 D** | **1300** |
| cis-1,3-Dichloropropene | 0.4 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Chlorodibromomethane | 50 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5.0 | < 5.0 | < *2.0* | < 25 | < 50 |
| Ethylbenzene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Methyl-Tert-Butylether | 5 | < 5.0 | < 1.0 | < *1.0* | -- | -- |
| Methylene Chloride | 5 | < 5.0 | < 2.0 | < *2.0* | < 25 | < 50 |
| Styrene (Monomer) | 5 | < 5.0 | < 5.0 | < *1.0* | < 25 | < 50 |
| Tetrachloroethene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Toluene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| trans-1,2-Dichloroethene | 5 | < 5.0 | < 1.0 | < *1.0* | **2.7 J** | **3.5 J** |
| trans-1,3-Dichloropropene | 0.4 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| Trichloroethene | 5 | **1.3 J** | < 1.0 | < *1.0* | **160** | **230** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | < 5.0 | < *5.0* | < 25 | < 50 |
| Vinyl Chloride | 2 | < 2.0 | < 1.0 | < *1.0* | < 10 | **38** |
| o-Xylene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| m,p-Xylene | 5 | < 5.0 | < 1.0 | < *1.0* | < 25 | < 50 |
| **Total VOCs** [3] | | **1.7** | **0** | ***0*** | **1200** | **1600** |
| **Project VOCs** [4] | | **1.7** | **0** | ***0*** | **1200** | **1600** |
| **1,4-Dioxane** | | **--** | **--** | ***0.309*** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-201-1 10/5/2010 | MW-201-1 11/3/2011 | MW-201-1 10/4/2012 | MW-201-1 5/31/2013 | MW-201-1 11/20/2014 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1,2-Trichloroethane | 1 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **14 J** | **0.51 J** | **1.2 J** | < 5.0 | < 1.0 |
| 1,1-Dichloroethene | 5 | **6.9 J** | **0.21 J** | **0.65 J** | < 5.0 | < 1.0 |
| 1,2-Dichloroethane | 0.6 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| 2-Butanone | NE | < 500 | < 50 | < 50 | < 50 | < 10 |
| 2-Hexanone | 50 | < 500 | < 50 | < 50 | < 50 | < 5.0 |
| 4-Methyl-2-Pentanone | 50 | < 500 | < 50 | < 50 | < 50 | < 5.0 |
| Acetone | NE | < 500 | < 50 | < 50 | < 50 | < 10 |
| Benzene | 1 | < 7 | < 0.7 | < 0.7 | < 0.70 | < 1.0 |
| Bromodichloromethane | 50 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Bromoform | 50 | < 50 | < 5 | < 5 | < 5.0 | < 4.0 |
| Bromomethane | 5 | < 50 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Disulfide | 60 | < 50 | < 5 | < 5 | < 5.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorobenzene | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodifluoromethane (Freon 22) | NE | < 50 | < 5 | < 5 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chloroform | 7 | **4.2 J** | **3.2 J** | **2.9 J** | **0.49 J** | < 1.0 |
| Chloromethane | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **3900 D** | **61** | **180 D** | **7.9** | **3.9** |
| cis-1,3-Dichloropropene | 0.4 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 50 | < 5 | < 5 | < 5.0 | < 5.0 |
| Ethylbenzene | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Methyl-Tert-Butylether | 5 | <50 | **0.75 J** | **0.22 J** | < 5.0 | < 1.0 |
| Methylene Chloride | 5 | < 50 | < 5 | < 5 | < 5.0 | < 2.0 |
| Styrene (Monomer) | 5 | < 50 | < 5 | < 5 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | < 50 | **0.24 J** | **0.24 J** | < 5.0 | < 1.0 |
| Toluene | 5 | < 50 | < 5 J | < 5 | < 5.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | **6.7 J** | < 5 | **0.59 J** | < 5.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| Trichloroethene | 5 | **72** | **20** | **20** | **13** | **6.3** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 50 U | < 5 | < 5 | < 5.0 | < 5.0 |
| Vinyl Chloride | 2 | **820** | < 2 | **13** | < 2.0 | < 1.0 |
| o-Xylene | 5 | **7.2 J** | < 5 | < 5 | < 5.0 | < 1.0 |
| m,p-Xylene | 5 | < 50 | < 5 | < 5 | < 5.0 | < 1.0 |
| **Total VOCs** [3] | | **4800** | **86** | **220** | **21** | **10** |
| **Project VOCs** [4] | | **4800** | **82** | **220** | **21** | **10** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-201-1 12/24/2015 | MW-202-1 5/1/2009 | MW-202-1 12/30/2015 | MW-202-1 12/2/2009 | MW-202-1 10/6/2010 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | | < 5 | < 1.0 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 1,1-Dichloroethene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| 2-Butanone | NE | *< 10* | < 50 | < 10 | < 50 | < 50 |
| 2-Hexanone | 50 | *< 5.0* | < 50 | < 5.0 | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | *< 5.0* | < 50 | < 5.0 | < 50 | < 50 |
| Acetone | NE | *< 10* | < 50 | < 10 | < 50 | < 50 |
| Benzene | 1 | *< 1.0* | < 0.7 | < 0.50 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Bromoform | 50 | *< 4.0* | < 5 | < 1.0 | < 5 | < 5 |
| Bromomethane | 5 | *< 2.0* | < 5 | < 2.0 | < 5 | < 5 |
| Carbon Disulfide | 60 | *< 2.0* | < 5 | < 2.0 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Chlorobenzene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | *< 5.0* | < 5 | < 5.0 | < 5 | 0.61 J |
| Chloroethane | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Chloroform | 7 | ***0.43*** | **6.2** | **0.43 J** | **6.7** | 0.93 J |
| Chloromethane | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | ***2*** | **0.64 J** | **2.0** | **0.58 J** | < 5 |
| cis-1,3-Dichloropropene | 0.4 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Chlorodibromomethane | 50 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | *< 5.0* | < 5 | < 2.0 | < 5 | < 5 |
| Ethylbenzene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | *< 1.0* | -- | < 1.0 | -- | < 5 |
| Methylene Chloride | 5 | *< 2.0* | < 5 | < 2.0 | < 5 | < 5 |
| Styrene (Monomer) | 5 | *< 5.0* | < 5 | < 1.0 | < 5 | < 5 |
| Tetrachloroethene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | 0.48 J |
| Toluene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| Trichloroethene | 5 | ***2.3*** | **7.5** | **2.3** | **9.3** | 2.4 J |
| Trichlorotrifluoroethane (Freon 113) | 5 | *< 5.0* | < 5 | < 5.0 | < 5 | 0.43 J |
| Vinyl Chloride | 2 | *< 1.0* | < 2 | < 1.0 | < 2 | < 2 |
| o-Xylene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| m,p-Xylene | 5 | *< 1.0* | < 5 | < 1.0 | < 5 | < 5 |
| **Total VOCs [3]** | | ***4.7*** | **14** | **4.7** | **17** | **5** |
| **Project VOCs [4]** | | ***4.3*** | **8.1** | **4.3** | **9.9** | **2.88** |
| **1,4-Dioxane** | | ***0.262*** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-202-1 11/3/2011 | MW-202-1 10/4/2012 | MW-202-1 5/30/2013 | MW-202-1 11/19/2014 | MW-202-1 (REP) 11/19/2014 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.32 J** | **0.74 J** | **0.93 J** | **0.70 J** | **0.69 J** |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | **0.86 J** | **2.1 J** | **3.0 J** | **2.4** | **2.2** |
| 1,1-Dichloroethene | 5 | **0.72 J** | **1.9 J** | **2.3 J** | **1.7** | **1.8** |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 10 | < 10 |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 5.0 | < 5.0 |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 5.0 | < 5.0 |
| Acetone | NE | < 50 | < 50 | < 50 | < 10 | < 10 |
| Benzene | 1 | < 0.7 | < 0.7 | < 0.70 | < 1.0 | < 1.0 |
| Bromodichloromethane | 50 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 5 | < 5 | < 5.0 | < 4.0 | < 4.0 |
| Bromomethane | 5 | < 5 | < 5 | < 5.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 5 | < 5 | < 5.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Chlorobenzene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane (Freon 22) | NE | **0.21 J** | < 5 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Chloromethane | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | < 5 | **0.4 J** | **0.63 J** | **1.1** | **1.0** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5 | < 5.0 | < 5.0 | < 5.0 |
| Ethylbenzene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Methyl-Tert-Butylether | 5 | **0.37 J** | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Methylene Chloride | 5 | < 5 | < 5 | < 5.0 | < 2.0 | < 2.0 |
| Styrene (Monomer) | 5 | < 5 | < 5 | < 5.0 | < 5.0 | < 5.0 |
| Tetrachloroethene | 5 | **0.92 J** | **1.7 J** | **2.8 J** | **2.3** | **2.4** |
| Toluene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **0.78 J** | **1.2 J** | **1.6 J** | **2.1** | **2.0** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **0.44 J** | **0.76 J** | **1.4 J** | **1.8 J** | **1.8 J** |
| Vinyl Chloride | 2 | < 2 | < 2 | < 2.0 | < 1.0 | < 1.0 |
| o-Xylene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 5 | < 5 | < 5.0 | < 1.0 | < 1.0 |
| **Total VOCs** [3] | | **5** | **8.8** | **13** | **12** | **12** |
| **Project VOCs** [4] | | **3.6** | **8.0** | **11** | **10** | **10** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-202-1 12/31/2015 | MW-203-1 5/1/2009 | MW-203-1 12/2/2009 | MW-203-1 10/5/2010 | MW-203-1 11/1/2011 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| 1,1,2,2-Tetrachloroethane | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| 1,1,2-Trichloroethane | 1 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| 1,1-Dichloroethane | 5 | ***2.4*** | < 5 | < 5 | < 5 | **0.32 J** |
| 1,1-Dichloroethene | 5 | ***1.5*** | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloroethane | 0.6 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| 1,2-Dichloropropane | 1 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| 2-Butanone | NE | *< 10* | < 50 | < 50 | < 50 | < 50 |
| 2-Hexanone | 50 | *< 5.0* | < 50 | < 50 | < 50 | < 50 |
| 4-Methyl-2-Pentanone | 50 | *< 5.0* | < 50 | < 50 | < 50 | < 50 |
| Acetone | NE | *< 10* | < 50 B | < 50 | < 50 B | < 50 |
| Benzene | 1 | *< 0.50* | < 0.7 | < 0.7 | < 0.7 | < 0.7 |
| Bromodichloromethane | 50 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Bromoform | 50 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Bromomethane | 5 | *< 2.0* | < 5 | < 5 | < 5 | < 5 |
| Carbon Disulfide | 60 | *< 2.0* | < 5 | < 5 | < 5 | < 5 |
| Carbon Tetrachloride | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Chlorobenzene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Chlorodifluoromethane (Freon 22) | NE | *< 5.0* | **73** | **17** | **29** | **8.9** |
| Chloroethane | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Chloroform | 7 | *< 1.0* | **7.9** | **2.6 J** | **1.5 J** | **0.68 J** |
| Chloromethane | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | ***1.2*** | **1.6 J** | **0.83 J** | **0.97 J** | **1.4 J** |
| cis-1,3-Dichloropropene | 0.4 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Chlorodibromomethane | 50 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Dichlorodifluoromethane (Freon 12) | 5 | *< 2.0* | < 5 | < 5 | < 5 | < 5 |
| Ethylbenzene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Methyl-Tert-Butylether | 5 | *< 1.0* | -- | -- | **0.88 J** | **0.41 J** |
| Methylene Chloride | 5 | *< 2.0* | < 5 | < 5 | < 5 | < 5 |
| Styrene (Monomer) | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Tetrachloroethene | 5 | ***2.5*** | < 5 | < 5 | < 5 | **0.35 J** |
| Toluene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| trans-1,2-Dichloroethene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| trans-1,3-Dichloropropene | 0.4 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| Trichloroethene | 5 | ***1.3*** | **1.3 J** | **0.7 J** | **1.6 J** | **2.9 J** |
| Trichlorotrifluoroethane (Freon 113) | 5 | ***1.1 J*** | < 5 | < 5 | < 5 | < 5 |
| Vinyl Chloride | 2 | *< 1.0* | < 2 | < 2 | < 2 | < 2 |
| o-Xylene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| m,p-Xylene | 5 | *< 1.0* | < 5 | < 5 | < 5 | < 5 |
| **Total VOCs** [3] | | ***10*** | **84** | **21** | **34** | **15** |
| **Project VOCs** [4] | | ***8.9*** | **2.9** | **1.5** | **2.6** | **5** |
| **1,4-Dioxane** | | ***0.404*** | **--** | **--** | **--** | **--** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-203-1 10/3/2012 | MW-203-1 (REP) 5/31/2013 | MW-203-1 5/31/2013 | MW-203-1 11/19/2014 | MW-203-1 12/30/2015 |
|---|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | | |
| 1,1,1-Trichloroethane | 5 | **0.26 J** | < 5.0 | **0.25 J** | < 1.0 | *< 1.0* |
| 1,1,2,2-Tetrachloroethane | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1,2-Trichloroethane | 1 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,1-Dichloroethane | 5 | **1 J** | **0.98 J** | **1.1 J** | **0.60 J** | ***0.38 J*** |
| 1,1-Dichloroethene | 5 | **0.44 J** | **0.47 J** | **0.46 J** | < 1.0 | *< 1.0* |
| 1,2-Dichloroethane | 0.6 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 1,2-Dichloropropane | 1 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| 2-Butanone | NE | < 50 | < 50 | < 50 | < 10 | *< 10* |
| 2-Hexanone | 50 | < 50 | < 50 | < 50 | < 5.0 | *< 5.0* |
| 4-Methyl-2-Pentanone | 50 | < 50 | < 50 | < 50 | < 5.0 | *< 5.0* |
| Acetone | NE | < 50 | < 50 | < 50 | < 10 | *< 10* |
| Benzene | 1 | < 0.7 | < 0.70 | < 0.70 | < 1.0 | *< 0.50* |
| Bromodichloromethane | 50 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Bromoform | 50 | < 5 | < 5.0 | < 5.0 | < 4.0 | *< 1.0* |
| Bromomethane | 5 | < 5 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Disulfide | 60 | < 5 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Carbon Tetrachloride | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorobenzene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodifluoromethane (Freon 22) | NE | **3.6 J** | **3.5 J** | **3.2 J** | < 5.0 | ***1.9 J*** |
| Chloroethane | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chloroform | 7 | **0.36 J** | **0.28 J** | **0.27 J** | **0.34 J** | ***0.32 J*** |
| Chloromethane | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| cis-1,2-Dichloroethene | 5 | **0.62 J** | **0.39 J** | **0.24 J** | **0.39 J** | ***0.35 J*** |
| cis-1,3-Dichloropropene | 0.4 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Chlorodibromomethane | 50 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Dichlorodifluoromethane (Freon 12) | 5 | < 5 | < 5.0 | < 5.0 | < 5.0 | *< 2.0* |
| Ethylbenzene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Methyl-Tert-Butylether | 5 | **0.21 J** | **0.24 J** | **0.24 J** | **1.1** | ***0.58 J*** |
| Methylene Chloride | 5 | < 5 | < 5.0 | < 5.0 | < 2.0 | *< 2.0* |
| Styrene (Monomer) | 5 | < 5 | < 5.0 | < 5.0 | < 5.0 | *< 1.0* |
| Tetrachloroethene | 5 | **0.59 J** | **0.93 J** | **1.1 J** | **1.1** | ***1.2*** |
| Toluene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| trans-1,3-Dichloropropene | 0.4 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| Trichloroethene | 5 | **1.8 J** | **2.5 J** | **2.7 J** | **3.2** | ***2.5*** |
| Trichlorotrifluoroethane (Freon 113) | 5 | **1.1 J** | **1.1 J** | **1.4 J** | < 5.0 | ***0.56 J*** |
| Vinyl Chloride | 2 | < 2 | < 2.0 | < 2.0 | < 1.0 | *< 1.0* |
| o-Xylene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| m,p-Xylene | 5 | < 5 | < 5.0 | < 5.0 | < 1.0 | *< 1.0* |
| **Total VOCs** [3] | | **10** | **10** | **11** | **6.7** | ***7.8*** |
| **Project VOCs** [4] | | **4.7** | **5.3** | **5.9** | **5.2** | ***4.4*** |
| **1,4-Dioxane** | | **--** | **--** | **--** | **--** | ***0.134*** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

| Constituents (units in ug/L) | Sample Location: Sample Date: | MW-204-1 12/24/2015 | MW-205-1 12/29/2015 | MW-206-1 12/29/2015 | MW-208-1 12/29/2015 |
|---|---|---|---|---|---|
| | NYSDEC SCGs | | | | |
| 1,1,1-Trichloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | 5 | < 1.0 | < 1.0 | **0.44 J** | **2.9** |
| 1,1-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | **0.89 J** |
| 1,2-Dichloroethane | 0.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone | NE | < 10 | < 10 | < 10 | < 10 |
| 2-Hexanone | 50 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 4-Methyl-2-Pentanone | 50 | < 5.0 | **3.0 J** | < 5.0 | < 5.0 |
| Acetone | NE | < 10 | < 10 | < 10 | < 10 |
| Benzene | 1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| Bromodichloromethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Disulfide | 60 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Carbon Tetrachloride | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Chloroethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | 7 | **0.50 J** | < 1.0 | < 1.0 | **3.1** |
| Chloromethane | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,2-Dichloroethene | 5 | **2.5** | **1.1** | **0.32 J** | **546 D** |
| cis-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichlorodifluoromethane (Freon 12) | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-Tert-Butylether | 5 | < 1.0 | < 1.0 | < 1.0 | **0.39 J** |
| Methylene Chloride | 5 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Styrene (Monomer) | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Tetrachloroethene | 5 | < 1.0 | < 1.0 | **0.45 J** | < 1.0 |
| Toluene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,2-Dichloroethene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| trans-1,3-Dichloropropene | 0.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Trichloroethene | 5 | **4.0** | **0.76 J** | < 1.0 | **17.4** |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Vinyl Chloride | 2 | < 1.0 | < 1.0 | < 1.0 | **6.4** |
| o-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| m,p-Xylene | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| **Total VOCs** [3] | | **7** | **4.9** | **1.2** | **580** |
| **Project VOCs** [4] | | **6.5** | **1.9** | **1.2** | **570** |
| **1,4-Dioxane** | | **< 0.11** | **0.162** | **< 0.10** | **0.526** |

**Table 14**
**Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Groundwater Samples Collected from Monitoring Wells, Bethpage Park Groundwater Containment System, OU3 (Former Settling Ponds) Bethpage, New York.**

**Notes and Abbreviations:**

(1) Results validated following protocols specified in Sampling and Analysis Plan in the December 2009 OM&M Manual (ARCADIS 2009).

(2) Samples analyzed for the TCL VOCs using NYSDEC ASP 2005 Method OLM4.3 (prior to November 2014) and per USEPA Method 9260C (after November 2014). Samples analyzed for 1,4-Dioxane using USEPA Method 8270 SIM.

(3) "Total VOCs" represents the sum of individual concentrations of the VOCs detected. TVOCs were rounded to two significant figures.

(4) "Project VOCs" represents the sum of individual compound concentrations of 1,1,1-Trichloroethane; 1,1-Dichloroethane; 1,2-Dichloroethane; 1,1-Dichloroethene; Tetrachloroethene; Trichloroethene; Vinyl Chloride; cis-1,2-Dichloroethene; trans-1,2-Dichloroethene; Benzene; Toluene; and Xylenes-o,m, and p.

*italicized indicates most recent data*

Indicates an exceedance of an SCG.

Bold value indicates a detection.

| | |
|---|---|
| NYSDEC | New York State Department of Environmental Conservation. |
| TCL | Target compound list. |
| VOC | Volatile Organic Compound. |
| ASP | Analytical services protocol. |
| SCGs | Standards, criteria, and guidance values. |
| µg/L | Micrograms per liter. |
| USEPA | United State Environmental Protection Agency. |
| SIM | Selective Ion Monitoring |
| NE | Not established. |
| E | Concentration for the constituent exceeded the calibration range. |
| J | Value is estimated. |
| D | Constituent identified from secondary dilution. |
| R | Concentration for the constituent was rejected. |
| B | Compound detected in associated blank sample. |
| < 5 | Compound not detected above its laboratory quantification limit. |
| REP | Field replicate QA/QC sample |
| -- | Not analyzed |

| COMPOUND (µg/L) / Sample Location: / Sample Date: | NYSDEC SCGs | RW-1 5/26/2015 | RW-1 8/19/2015 | RW-1 11/23/2015 | RW-1 4/1/2016 | RW-2 5/26/2015 | RW-2 8/19/2015 | RW-2 11/23/2015 | RW-2 4/1/2016 | RW-3 5/26/2015 | RW-3 8/19/2015 | RW-3 11/23/2015 | RW-3 4/1/2016 | RW-4 5/26/2015 | RW-4 8/19/2015 | RW-4 11/23/2015 | RW-4 4/1/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 1,1,2,2-Tetrachloroethane | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 1,1,2-Trichloroethane | 1 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 1,1-Dichloroethane | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **1.1** | **0.94 J** | **0.84 J** | **1.3** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **0.37 J** | **0.36 J** | **0.30 J** | **0.28 J** |
| 1,1-Dichloroethene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 1,2-Dichloroethane | 0.6 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 1,2-Dichloropropane | 1 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| 2-Butanone | NE | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U |
| 4-methyl-2-pentanone | 50 | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U |
| Acetone | NE | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U | < 10 U |
| Benzene | 1 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| Bromodichloromethane | 50 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Bromoform | 50 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Bromomethane | 5 | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U |
| Carbon Disulfide | 60 | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | 0.30 J | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U |
| Carbon tetrachloride | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Chlorobenzene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Chlorodibromomethane | 50 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Chlorodifluoromethane (Freon 22) | NE | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | **12** | **9.6** | **7.1** | **4.9 J** | **33** | **30** | **25** | **17** |
| Chloroethane | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Chloroform | 7 | < 1.0 U | **0.20 J** | < 1.0 U | < 1.0 U | **2.2** | **3.3** | **3.1** | **4.2** | **8.7** | **9.9** | **5.2** | **3.1** | **0.33 J** | **0.38 J** | **0.28 J** | **0.26 J** |
| Chloromethane | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| cis-1,2-dichloroethene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **39** | **30** | **59** | **53** | **2.5** | **1.9** | **1.8** | **2.2** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| cis-1,3-dichloropropene | 0.4 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Dichlorodifluoromethane (Freon 12) | 5 | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U |
| Dichloromethane | 5 | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U |
| Ethylbenzene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **2.1** | **1.4** | **1.9** | **2.8** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Methyl N-Butyl Ketone | 50 | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U |
| Methyl tert-Butyl Ether | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **0.29 J** | < 1.0 U | < 1.0 U | < 1.0 U |
| Styrene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Tetrachloroethene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **0.84 J** | **0.61 J** | **0.62 J** | **0.64 J** |
| Toluene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **16** | **9.5** | **28** | **28** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| trans-1,2-dichloroethene | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| trans-1,3-dichloropropene | 0.4 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Trichloroethylene | 5 | **0.34 J** | < 1.0 U | < 1.0 U | < 1.0 U | **13** | **10** | **9.9** | **8.6** | **2.9** | **2.2** | **2.2** | **2.6** | **0.67 J** | **0.54 J** | **0.61 J** | **0.72 J** |
| Trichlorofluoromethane (Freon 11) | 5 | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U | < 2.0 U |
| Trichlorotrifluoroethane (Freon 113) | 5 | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U | < 5.0 U |
| Vinyl Chloride | 2 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **63** | **37** | **50** | **87** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Xylene-o | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **1.2** | **0.52 J** | **0.95 J** | **1.5** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| Xylenes - m,p | 5 | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | **2.1** | **0.97 J** | **1.8** | **1.9** | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U | < 1.0 U |
| **Total VOCs** [2] | | **0.34** | **0.20** | **0** | **0** | **140** | **94** | **155** | **187** | **26** | **24** | **16** | **13** | **48** | **32** | **27** | **19** |
| **Project VOCs** [3] | | **0.34** | **0** | **0** | **0** | **135** | **89** | **150** | **180** | **5.4** | **4.1** | **4.0** | **4.8** | **1.8** | **1.5** | **1.5** | **1.6** |
| **1,4-Dioxane** | | -- | **0.29** | **0.21 J** | **0.44** | -- | **0.80** | **0.54** | **1.5** | -- | **0.16 J** | **0.12 J** | **0.31** | -- | **0.08 J** | **0.22** | < 0.11 U |

Notes and abbreviations on last page.

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-5 | | |
| **Lab Sample ID:** | JC30989-1 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106309.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-5 | | |
| **Lab Sample ID:** | JC30989-1 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 94% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 84% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-6 | | |
| **Lab Sample ID:** | JC30989-2 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106310.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-6 | | |
| **Lab Sample ID:** | JC30989-2 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 92% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 82% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110116MO1 | | |
| **Lab Sample ID:** | JC30989-3 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106311.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 1.9 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110116MO1 | | |
| **Lab Sample ID:** | JC30989-3 | **Date Sampled:** | 11/01/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/02/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 97% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 83% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC30989X** | **Date Collected:** | **11/01/2016 11:30** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **409842001** | **Date Received:** | **11/04/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-5** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1614241** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 01:08** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/16/2016 13:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111616.B\s6k1637.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | | 1.48 | ug/L | 0.100 | 0.100 | 0.200 |

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC30989X** | **Date Collected:** | **11/01/2016 11:40** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **409842002** | **Date Received:** | **11/04/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-6** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1614241** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 01:56** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/16/2016 13:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111616.B\s6k1639.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | J | 0.174 | ug/L | 0.100 | 0.100 | 0.200 |

# Report of Analysis





**Client Sample ID:** BPOW5-1
**Lab Sample ID:** JC31076-1
**Matrix:** AQ - Ground Water
**Method:** EPA 524.2 REV 4.1
**Project:** Northrop Grumman, OU2 Hydro, Bethpage, NY

**Date Sampled:** 11/02/16
**Date Received:** 11/03/16
**Percent Solids:** n/a

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106289.D | 1 | 11/08/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-1 | | |
| **Lab Sample ID:** | JC31076-1 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 85% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-2 | | |
| **Lab Sample ID:** | JC31076-2 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106290.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-2 | | |
| **Lab Sample ID:** | JC31076-2 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 99% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 82% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-3 | | |
| **Lab Sample ID:** | JC31076-3 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106291.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-3 | | |
| **Lab Sample ID:** | JC31076-3 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 101% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 83% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





**Client Sample ID:** TB110216MO1
**Lab Sample ID:** JC31076-4
**Matrix:** AQ - Trip Blank Water
**Method:** EPA 524.2 REV 4.1
**Project:** Northrop Grumman, OU2 Hydro, Bethpage, NY

**Date Sampled:** 11/02/16
**Date Received:** 11/03/16
**Percent Solids:** n/a

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106292.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 1.4 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110216MO1 | | |
| **Lab Sample ID:** | JC31076-4 | **Date Sampled:** | 11/02/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/03/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 81% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31076X** | **Date Collected:** | **11/02/2016 11:40** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **409998001** | **Date Received:** | **11/05/2016 08:45** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-1** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1614241** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 02:44** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/16/2016 13:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111616.B\s6k1641.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |



SGS ACCUTEST
JC31076X

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31076X** | **Date Collected:** | **11/02/2016 15:40** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **409998002** | **Date Received:** | **11/05/2016 08:45** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-2** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1614241** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 03:31** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/16/2016 13:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111616.B\s6k1643.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31076X** | **Date Collected:** | **11/02/2016 12:25** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **409998003** | **Date Received:** | **11/05/2016 08:45** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-3** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1614241** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 04:19** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/16/2016 13:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111616.B\s6k1645.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | | 1.41 | ug/L | 0.100 | 0.100 | 0.200 |

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-4 | | |
| **Lab Sample ID:** | JC31154-1 | **Date Sampled:** | 11/03/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/04/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106286.D | 1 | 11/08/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-4 | | |
| **Lab Sample ID:** | JC31154-1 | **Date Sampled:** | 11/03/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/04/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 84% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





**Client Sample ID:** TB110316MO1
**Lab Sample ID:** JC31154-3
**Matrix:** AQ - Trip Blank Water
**Method:** EPA 524.2 REV 4.1
**Project:** Northrop Grumman, OU2 Hydro, Bethpage, NY

**Date Sampled:** 11/03/16
**Date Received:** 11/04/16
**Percent Solids:** n/a

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106288.D | 1 | 11/08/16 | BK | n/a | n/a | V1B5048 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 1.3 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110316MO1 | | |
| **Lab Sample ID:** | JC31154-3 | **Date Sampled:** | 11/03/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/04/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 84% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **410129** | **Date Collected:** | **11/03/2016 11:05** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410129001** | **Date Received:** | **11/09/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-4** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1616479** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 20:58** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/17/2016 12:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111716.B\s6k1709.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | | 1.27 | ug/L | 0.100 | 0.100 | 0.200 |



SGS ACCUTEST
JC31154X

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-2 | | |
| **Lab Sample ID:** | JC31323-1 | **Date Sampled:** | 11/07/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/08/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106312.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-2 | | |
| **Lab Sample ID:** | JC31323-1 | **Date Sampled:** | 11/07/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/08/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 95% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 81% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110716MO1 | | |
| **Lab Sample ID:** | JC31323-2 | **Date Sampled:** | 11/07/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/08/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106313.D | 1 | 11/09/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 2.0 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110716MO1 | | |
| **Lab Sample ID:** | JC31323-2 | **Date Sampled:** | 11/07/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/08/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 95% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 81% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **410309** | **Date Collected:** | **11/07/2016 12:55** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410309001** | **Date Received:** | **11/10/2016 09:10** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW6-2** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1616479** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/17/2016 23:28** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/17/2016 12:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111716.B\s6k1715.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |



SGS ACCUTEST
JC31323X

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-5 | | |
| **Lab Sample ID:** | JC31436-1 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106584.D | 1 | 11/19/16 | BK | n/a | n/a | V1B5057 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-5 | | |
| **Lab Sample ID:** | JC31436-1 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 100% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-6 | | |
| **Lab Sample ID:** | JC31436-2 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106592.D | 1 | 11/21/16 | BK | n/a | n/a | V1B5058 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-6 | | |
| **Lab Sample ID:** | JC31436-2 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110816MO1 | | |
| **Lab Sample ID:** | JC31436-3 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106341.D | 1 | 11/10/16 | BK | n/a | n/a | V1B5049 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 0.94 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide [b] | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110816MO1 | | |
| **Lab Sample ID:** | JC31436-3 | **Date Sampled:** | 11/08/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/09/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 97% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 78% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31436X** | **Date Collected:** | **11/08/2016 10:45** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410420001** | **Date Received:** | **11/11/2016 08:45** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW6-5** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1618987** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/30/2016 22:17** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/30/2016 12:45** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s113016.B\s6k3031.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31436X** | **Date Collected:** | **11/08/2016 10:35** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410420002** | **Date Received:** | **11/11/2016 08:45** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW6-6** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1616479** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/18/2016 01:06** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/17/2016 12:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111716.B\s6k1719.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-7 | | |
| **Lab Sample ID:** | JC31533-1 | **Date Sampled:** | 11/09/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/10/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106582.D | 1 | 11/19/16 | BK | n/a | n/a | V1B5057 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | 0.089 | 0.50 | 0.055 | ug/l | J |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW5-7 | | |
| **Lab Sample ID:** | JC31533-1 | **Date Sampled:** | 11/09/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/10/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 100% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





**Client Sample ID:** TB110916MO1
**Lab Sample ID:** JC31533-2
**Matrix:** AQ - Trip Blank Water
**Method:** EPA 524.2 REV 4.1
**Project:** Northrop Grumman, OU2 Hydro, Bethpage, NY

**Date Sampled:** 11/09/16
**Date Received:** 11/10/16
**Percent Solids:** n/a

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106427.D | 1 | 11/14/16 | BK | n/a | n/a | V1B5051 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 1.4 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | 0.10 | 0.50 | 0.076 | ug/l | J |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB110916MO1 | | |
| **Lab Sample ID:** | JC31533-2 | **Date Sampled:** | 11/09/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/10/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 77% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

# Semi-Volatile
# Certificate of Analysis
# Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31533X** | **Date Collected:** | **11/09/2016 16:10** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410517001** | **Date Received:** | **11/12/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW5-7** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1616479** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/18/2016 02:42** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/17/2016 12:00** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s111716.B\s6k1723.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |



SGS ACCUTEST
JC31533X

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-3 | | |
| **Lab Sample ID:** | JC31597-1 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106573.D | 1 | 11/19/16 | BK | n/a | n/a | V1B5057 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-3 | | |
| **Lab Sample ID:** | JC31597-1 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 98% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-4 | | |
| **Lab Sample ID:** | JC31597-2 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106574.D | 1 | 11/19/16 | BK | n/a | n/a | V1B5057 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 5.0 | 0.53 | ug/l | |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | BPOW6-4 | | |
| **Lab Sample ID:** | JC31597-2 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Ground Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 97% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB111016MO1 | | |
| **Lab Sample ID:** | JC31597-3 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 [a] | 1B106575.D | 1 | 11/19/16 | BK | n/a | n/a | V1B5057 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 1.3 | 5.0 | 0.53 | ug/l | J |
| 78-93-3 | 2-Butanone | ND | 5.0 | 0.59 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.051 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.059 | ug/l | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.083 | ug/l | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.062 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 0.50 | 0.055 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.055 | ug/l | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.076 | ug/l | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.087 | ug/l | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 0.50 | 0.073 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.064 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.50 | 0.18 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.047 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.074 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.078 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.50 | 0.090 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.50 | 0.11 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.078 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.062 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.066 | ug/l | |
| 76-13-1 | Freon 113 | ND | 1.0 | 0.18 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2.0 | 0.25 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 0.50 | 0.076 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 2.0 | 0.24 | ug/l | |
| 100-42-5 | Styrene | ND | 0.50 | 0.094 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.065 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.091 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.11 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 0.50 | 0.049 | ug/l | |
| 108-88-3 | Toluene | ND | 0.50 | 0.054 | ug/l | |

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

# Report of Analysis





| | | | |
|---|---|---|---|
| **Client Sample ID:** | TB111016MO1 | | |
| **Lab Sample ID:** | JC31597-3 | **Date Sampled:** | 11/10/16 |
| **Matrix:** | AQ - Trip Blank Water | **Date Received:** | 11/11/16 |
| **Method:** | EPA 524.2 REV 4.1 | **Percent Solids:** | n/a |
| **Project:** | Northrop Grumman, OU2 Hydro, Bethpage, NY | | |

**VOA OU2 Outpost List**

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 79-01-6 | Trichloroethylene | ND | 0.50 | 0.079 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 0.50 | 0.082 | ug/l | |
| | m,p-Xylene | ND | 0.50 | 0.11 | ug/l | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 2199-69-1 | 1,2-Dichlorobenzene-d4 | 97% | | 78-114% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 77-115% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---|---|---|---|---|---|
| | Total TIC, Volatile | | 0 | ug/l | |

(a) EPA 524.2 is not a certified method for non-potable water samples.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31597X** | **Date Collected:** | **11/10/2016 11:50** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410629001** | **Date Received:** | **11/15/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW6-3** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1618987** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/30/2016 23:11** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/30/2016 12:45** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s113016.B\s6k3033.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | U | 0.100 | ug/L | 0.100 | 0.100 | 0.200 |



SGS ACCUTEST
JC31597X

2

## Semi-Volatile
## Certificate of Analysis
## Sample Summary

| | | | | | |
|---|---|---|---|---|---|
| **SDG Number:** | **JC31597X** | **Date Collected:** | **11/10/2016 12:10** | **Matrix:** | **WATER** |
| **Lab Sample ID:** | **410629002** | **Date Received:** | **11/15/2016 09:00** | | |
| | | **Client:** | **ACTL003** | **Project:** | **ACTL00316** |
| **Client ID:** | **BPOW6-4** | **Method:** | **EPA 522** | **SOP Ref:** | **GL-OA-E-073** |
| **Batch ID:** | **1618987** | **Inst:** | **MSD6.I** | **Dilution:** | **1** |
| **Run Date:** | **11/30/2016 23:38** | **Analyst:** | **JMB3** | **Inj. Vol:** | **1 uL** |
| **Prep Date:** | **11/30/2016 12:45** | **Aliquot:** | **100 mL** | **Final Volume:** | **2 mL** |
| **Data File:** | **s113016.B\s6k3034.D** | | **RTX-624** | | |

| CAS No. | Parmname | Qualifier | Result | Units | MDL | LOD | LOQ |
|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | J | 0.103 | ug/L | 0.100 | 0.100 | 0.200 |

**FINAL**

# Quarterly Operations Report
# Second Quarter 2011

## Groundwater Treatment Plant
## GM-38 Area Groundwater Remediation
## Naval Weapons Industrial Reserve Plant
## Bethpage, New York

## Contract No. N40085-10-D-9409
## Contract Task Order No. 0002

September 2011

Prepared for:

Naval Facilities Engineering Command Mid-Atlantic
9742 Maryland Avenue
Norfolk, VA 23511

**Prepared by:**

**H&S Environmental, Inc.**
**160 East Main Street, Suite 2F**
**Westborough, Massachusetts 01581 (508) 366-7442**

| Sample ID | RW1-MW1 | | RW1-MW3 | RW2-MW1 | RW3-MW1 | RW3-MW2 | RW3-MW3 | RW3-MW4 | TP-01 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 6/14/2011[(1)] | 6/14/2011 | 6/14/2011 | 6/14/2011 | 6/14/2011 | 6/14/2011 | 6/15/2011 | 6/15/2011 | 6/15/2011 |
| Comments | | Duplicate | | | | | | | |
| Well Depth (Ft) | 435 | | 435 | 510 | 350 | 495 | 340 | 495 | 470 |
| Screened Interval (Ft) | 395-435 | | 395-435 | 470-510 | 330-350 | 475-495 | 320-340 | 475-495 | 470-510 |
| VOCS (EPA 624) ug/L | | | | | | | | | |
| 1,1-dichloroethane | 1.6 J | 4.2 J | 9.3 | 0.61 J | 1.1 | 0.52 J | 7.1 | 0.78 J | 5.0 |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | 0.37 J | ND | ND |
| 1,1-dichloroethene | 0.85 J | 2.1 J | 1.8 | ND | 0.85 J | 0.57 J | 2.6 | 0.20 J | 1.7 |
| cis-1,2-dichloroethene | 55.8 J | 145 J | 0.59 J | 0.56 J | 0.48 J | 1.7 | 1.2 | ND | 43.4 |
| trans-1,2-dichloroethene | 0.71 J | 2.0 J | ND | ND | ND | ND | ND | ND | 1.1 |
| Tetrachloroethene | ND | ND | 0.33 J | ND | 1.2 | ND | 0.40 J | ND | 3.3 |
| 1,1,1-trichloroethane | ND | 0.63 J | 1.6 | ND | 0.78 J | 0.39 J | 1.3 | ND | 0.63 J |
| Trichloroethene | 26.6 J | 73.8 J | 1.4 | 1.6 | 63.1 | 135 | 331 | 6.7 | 35.3 |
| Vinyl chloride | ND | 0.38 J | ND | ND | ND | ND | ND | ND | ND |
| Mercury (EPA 245.1) ug/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | ND | 6 J | ND | 181 | 5160 | 7 | ND | ND | 63 |

**Note:**

VOC analysis changed to EPA Method 624 in January 2010

J-estimated value

ND-not detected

mg/L - milligrams per liter

µg/L - micrograms per liter

| Sample ID | RW1-MW1 | | | | | | | | | | RW1-MW2 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 5/4/2005 | 7/22/2005 | 5/27/2009 | 1/21/2010 | 4/21/2010 | 7/28/2010 | 11/10/2010 | 3/25/2011 | 6/14/2011[1] | 6/14/2011 | 5/4/2005 | 7/22/2005 | 5/28/2009 |
| Comments | | | | | | | | | | Duplicate | | | |
| Well Depth (Ft) | 435 | | | | | | | | | | 435 | | |
| Screened Interval (Ft) | 395-435 | | | | | | | | | | 395-435 | | |
| VOCS (EPA 624) ug/L | | | | | | | | | | | | | |
| acetone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| benzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| bromodichloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| bromoform | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| bromomethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| 2-butanone | R | R | ND | NR | ND | ND | ND | ND | NR | NR | R | R | ND |
| carbon disulfide | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| carbon tetrachloride | ND | ND | 0.32J | ND | ND | ND | 0.17J | ND | NR | NR | ND | ND | ND |
| chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| chloroethane | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| chloroform | ND | 0.7J | 1.1 | ND | 0.70J | 0.65J | 0.56J | 0.55J | NR | NR | ND | 1.4 | ND |
| chloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| dibromochloromethane | NR | NR | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | ND |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,1-dichloroethane | 0.74J | 0.79J | 3.3 | 2.9J | 2.8 | 2.8 | 3.0 | 3.6 | 1.6 J | 4.2 J | 4.6 | 5.5 | 3.4 |
| 1,2-dichloroethane | ND | ND | 0.29J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | 1.3 | 2.8 | 3.1 | 1.7J | 1.9 | 1.7 | 1.7 | 1.9 | 0.85 J | 2.1 J | 3.2 | 12.3 | ND |
| cis-1,2-dichloroethene | 78.6 | 80.4 | 180D | 130 | 121 | 118 | 108 | 121 | 55.8 J | 145 J | 181.0 | 47.6 | 160.0 |
| trans-1,2-dichloroethene | 2.0 | 1.3J | 2.8 | 4J | 2.9 | 2.1 | 1.3 | 4.2 | 0.71 J | 2.0 J | 2.5 | 7.6 | 2.5 |
| 1,2-dichloropropane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| 1,4-dioxane | 1.75J | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4.01 | NR | NR |
| ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| 2-hexanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| methylene chloride | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | 1.0 | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 4-methyl-2-pentanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| methyl-tert-butyl-ether | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| styrene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| tetrachloroethene | ND | ND | 0.72J | ND | 0.42J | ND | ND | ND | ND | ND | ND | 134.0 | 19.0 |
| 1,1,1-trichloroethane | ND | ND | 0.71J | ND | 0.52J | 0.43J | 0.53J | 0.79J | ND | 0.63 J | 1.3 | 1.0 | ND |
| 1,1,2-trichloroethane | ND | ND | 0.58J | NR | ND | ND | ND | ND | NR | NR | ND | 0.65J | ND |
| trichloroethene | 53.6 | 52.7 | 140.0 | 79.0 | 116 | 95.4 | 84.2 | 97.6 | 26.6 J | 73.8 J | 158.0 | 198.0 | 200.0 |
| trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| toluene | ND | 0.33J | 0.68 | ND | ND | ND | ND | ND | NR | NR | 0.32J | ND | ND |
| vinyl chloride | ND | ND | 1.6 | ND | ND | ND | 0.17J | ND | ND | 0.38 J | 12.9 | 187.0 | 4.1 |
| xylenes (total) | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND |
| Mercury (EPA 245.1) ug/L | NR | NR | ND | 0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | NR | NR | 0.20 |
| TSS (SM20 2540D) mg/L | NR | NR | 2.8 | 2.8 | 6.0 | 4.0 | 4.0 | 4.0 | ND | 6 | NR | NR | 4.0 |

**Note:**

VOC analysis changed to EPA Method 624 in January 2010

D-dilution

J-estimated value

ND-not detected

NR-not requested

R-Rejected

mg/L - milligrams per liter

µg/L - micrograms per liter

Data prior to June 2011 were collected by others.

| Sample ID | RW1-MW3 | | | | | | RW2-MW1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/20/2010 | 4/21/2010 | 7/29/2010 | 11/10/2010 | 3/25/2011 | 6/14/2011 | 5/4/2005 | 7/20/2005 | 5/27/2009 | 1/18/2010 | 4/21/2010 | 7/28/2010 | 11/3/2010 | 3/24/2011 | 6/14/2011 |
| Comments | | | | | | | | | | EPA 624 | | | | | |
| Well Depth (Ft) | 435 | | | | | | 510 | | | | | | | | |
| Screened Interval (Ft) | 395-435 | | | | | | 470-510 | | | | | | | | |
| VOCS (EPA 624) ug/L | | | | | | | | | | | | | | | |
| acetone | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| benzene | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | 0.15J | 0.69J | 0.58J | 0.30J | NR |
| bromodichloromethane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| bromoform | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| bromomethane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| 2-butanone | NR | ND | ND | ND | ND | NR | R | R | ND | NR | ND | ND | ND | ND | NR |
| carbon disulfide | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| carbon tetrachloride | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR |
| chlorobenzene | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR |
| chloroethane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| chloroform | 0.67J | 0.80J | 0.47J | 0.69J | 0.73J | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR |
| chloromethane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| dibromochloromethane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | ND | ND | ND | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | ND | ND | ND | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | ND | ND | ND | NR | NR | NR | NR | NR | NR |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 2.4 | 4.6 | 1.5 | 2.3 | 2.4 | 9.3 | 0.53J | 0.93J | 1.2J | 0.82J | 0.60J | 0.58J | 0.42J | ND | 0.61 J |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | 0.42J | 1.10 | ND | 0.28J | ND | 1.8 | ND | 0.58J | 0.55J | 0.63J | ND | ND | ND | ND | ND |
| cis-1,2-dichloroethene | 0.54J | 0.48J | 0.36J | 0.55J | 0.58J | 0.59 J | ND | 0.55J | 1.9 | 1.0 | 0.78J | 0.80J | 0.55J | 0.43J | 0.56 J |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| cis-1,3-dichloropropene | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| trans-1,3-dichloropropene | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | 5.34 | NR | NR | NR | NR | NR | NR | NR | NR |
| ethylbenzene | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR |
| 2-hexanone | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| methylene chloride | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | NR | NR | NR | NR | NR | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| methyl-tert-butyl-ether | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR |
| styrene | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| 1,1,2,2-tetrachloroethane | NR | ND | ND | ND | ND | NR | ND | ND | ND | NR | ND | ND | ND | ND | NR |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | ND | ND | ND | NR |
| tetrachloroethene | ND | 049J | ND | ND | ND | 0.33 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | 0.41J | 0.98J | ND | 0.26J | 0.33J | 1.6 | ND | 0.37J | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-trichloroethane | 0.62J | 0.60J | 0.36J | 0.55J | 0.41J | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR |
| trichloroethene | 1.2 | 1.6 | 0.58J | 0.91J | 1.0 | 1.4 | 37.6 | 34.6 | 12.0 | 15.0 | 0.42J | ND | ND | 1.7 | 1.6 |
| trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| toluene | ND | ND | ND | ND | ND | NR | ND | 0.85J | 1.0 | ND | 0.52J | 0.49J | 0.50J | ND | NR |
| vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | NR | ND | 1.4J | ND | ND | ND | ND | ND | ND | NR |
| Mercury (EPA 245.1) ug/L | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND | NR | NR | 0.05J | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND |
| TSS (SM20 2540D) mg/L | NR | 8.0 | <4.0 | <4.0 | <4.0 | ND | NR | NR | 2260.0 | NR | 58.0 | <4.0 | <4.0 | <4.0 | 181 |

**Note:**

VOC analysis changed to EPA Method

D-dilution

J-estimated value

ND-not detected

NR-not requested

R-Rejected

mg/L - milligrams per liter

µg/L - micrograms per liter

Data prior to June 2011 were collected

| Sample ID | RW2-MW3 | | | RW3-MW1 | | | | | | | RW2-MW2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 5/3/2005 | 7/20/2005 | 5/28/2009 | 1/19/2010 | 4/22/2010 | 7/29/2010 | 11/9/2010 | 3/25/2011 | 3/25/2011 | 6/14/2011 | 5/4/2005 | 7/21/2005 |
| Comments | | | | | | | | | duplicate | | | |
| Well Depth (Ft) | 510 | | | 350 | | | | | | | 510 | |
| Screened Interval (Ft) | 470-510 | | | 330-350 | | | | | | | 470-510 | |
| VOCS (EPA 624) ug/L | | | | | | | | | | | | |
| acetone | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND |
| bromodichloromethane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| bromoform | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| bromomethane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| 2-butanone | R | R | ND | NR | ND | ND | ND | ND | ND | NR | R | R |
| carbon disulfide | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| carbon tetrachloride | ND | ND | ND | ND | ND | ND | 0.19J | ND | ND | NR | ND | ND |
| chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND |
| chloroethane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| chloroform | ND | ND | ND | ND | ND | ND | 0.20J | ND | ND | NR | ND | ND |
| chloromethane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| dibromochloromethane | NR | NR | ND | NR | ND | ND | ND | ND | ND | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 0.68J | 0.31J | 1.4 | 1.6 | 1.5 | 1.7 | 1.4 | 1.3 | 1.3 | 1.1 | ND | 0.78J |
| 1,2-dichloroethane | ND | ND | ND | 0.27J | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | ND | ND | 0.42J | 1.2 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 0.85 J | ND | 0.41J |
| cis-1,2-dichloroethene | 0.40J | 0.66J | 2.3 | 0.37J | ND | 0.32J | 0.45J | 0.47J | 0.45J | 0.48 J | 0.33J | 0.41J |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| 1,4-dioxane | 7.42J | NR | NR | NR | NR | NR | NR | NR | NR | NR | 7.45J | NR |
| ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND |
| 2-hexanone | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methylene chloride | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| methyl-tert-butyl-ether | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| tetrachloroethene | ND | ND | ND | 0.49J | 0.81J | 0.73J | 1.5 | 1.4 | 1.6 | 1.2 | ND | ND |
| 1,1,1-trichloroethane | ND | ND | ND | ND | 0.98J | 0.84J | 1.2 | 1.1 | 1.1 | 0.78 J | ND | ND |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | D | ND |
| trichloroethene | 16.2 | 20.6 | 18.0 | 35.0 | 53.2 | 52.3 | 77.6 | 76.2 | 77.9 | 63.1 | 7.8 | 13.8 |
| trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| toluene | ND | 0.50J | 0.39J | ND | ND | ND | ND | ND | ND | NR | 0.33J | 0.53J |
| vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND |
| Mercury (EPA 245.1) ug/L | NR | NR | ND | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | NR | NR |
| TSS (SM20 2540D) mg/L | NR | NR | 14.8 | NR | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | 5160 | NR | NR |

**Note:**

VOC analysis changed to EPA Method

D-dilution

J-estimated value

ND-not detected

NR-not requested

R-Rejected

mg/L - milligrams per liter

µg/L - micrograms per liter

Data prior to June 2011 were collected

| Sample ID | RW3-MW2 | | | | | | | | RW3-MW3 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/19/2010 | 1/19/2010 | 4/22/2010 | 7/29/2010 | 11/9/2010 | 11/9/2010 | 3/25/2011 | 6/14/2011 | 1/20/2010 | 4/22/2010 | 4/22/2010 | 7/28/2010 | 11/3/2010 | 3/25/2011 | 6/15/2011 |
| Comments | | duplicate | | | duplicate | | | | | | duplicate | | | | |
| Well Depth (Ft) | 495 | | | | | | | | 340 | | | | | | |
| Screened Interval (Ft) | 475-495 | | | | | | | | 320-340 | | | | | | |
| VOCS (EPA 624) ug/L | | | | | | | | | | | | | | | |
| acetone | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| benzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| bromodichloromethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| bromoform | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| bromomethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| 2-butanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| carbon disulfide | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| carbon tetrachloride | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| chlorobenzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| chloroethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| chloroform | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | 0.40J | 0.46J | ND | 0.33J | NR |
| chloromethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| dibromochloromethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | ND | ND | 0.54J | ND | ND | ND | ND | 0.52 J | ND | 1.6 | 1.6 | 2.3 | 1.0 | 1.5 | 7.1 |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.52J | 0.54J | ND | ND | ND | 0.37 J |
| 1,1-dichloroethene | ND | ND | 1.2 | ND | ND | ND | ND | 0.57 J | ND | 1.1 | 1.3 | 1.2 | ND | 0.96J | 2.6 |
| cis-1,2-dichloroethene | 1.5J | 1.6J | 2.4 | 1.1 | 0.92J | 0.92J | 1.6 | 1.7 | ND | 2.1 | 2.1 | 1.7 | ND | 2.3 | 1.2 |
| trans-1,2-dichloroethene | ND | ND | 0.43 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| cis-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| trans-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| ethylbenzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| 2-hexanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methylene chloride | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| methyl-tert-butyl-ether | ND | ND | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR |
| styrene | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| 1,1,2,2-tetrachloroethane | NR | NR | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| tetrachloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.45J | 0.49J | ND | ND | ND | 0.40 J |
| 1,1,1-trichloroethane | ND | ND | 0.58J | ND | ND | ND | ND | 0.39 J | ND | 0.95J | 1.0J | 0.72J | ND | 0.62J | 1.3 |
| 1,1,2-trichloroethane | ND | ND | ND | ND | 0.25 J | 0.27J | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| trichloroethene | 160 | 170 | 211 | 73 | 58.2 | 60.9 | 110 | 135 | 350 | 397 | 382 | 297 | 8.5 | 288 | 331 |
| trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| toluene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND |
| TSS (SM20 2540D) mg/L | NR | NR | 5.0 | 6.0 | ND | 10.0 | 10.0 | 7 | NR | 4.0 | 5.0 | <4.0 | <4.0 | <4.0 | ND |

**Note:**

VOC analysis changed to EPA Method

D-dilution

J-estimated value

ND-not detected

NR-not requested

R-Rejected

mg/L - milligrams per liter

µg/L - micrograms per liter

Data prior to June 2011 were collected

| Sample ID | RW3-MW4 | | | | | | | TP-01 | | IW-1 MW-1 | IW-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/20/2010 | 4/22/2010 | 7/28/2010 | 7/28/2010 | 11/3/2010 | 3/24/2011 | 6/15/2011 | 1/21/2010 | 6/15/2011 | 5/3/2005 | 5/27/2009 |
| Comments | | | | duplicate | | | | | | | |
| Well Depth (Ft) | 495 | | | | | | | 470 | 470 | 150 | 230 |
| Screened Interval (Ft) | 475-495 | | | | | | | 470-510 | 470-510 | 130-150 | 200-230 |
| VOCS (EPA 624) ug/L | | | | | | | | | | | |
| acetone | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| benzene | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| bromodichloromethane | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| bromoform | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| bromomethane | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| 2-butanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | R | ND |
| carbon disulfide | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| carbon tetrachloride | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| chlorobenzene | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| chloroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND |
| chloroform | ND | ND | ND | ND | 0.32J | ND | NR | ND | NR | 0.94J | 0.98J |
| chloromethane | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| dibromochloromethane | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | ND |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,1-dichloroethane | 2.5 | 0.6 | 0.54J | 0.50J | 1.8 | 0.81 | 0.78 J | 3.6J | 5.0 | 0.39J | 0.22J |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | 1.0 | ND | ND | ND | 0.86J | ND | 0.20 J | ND | 1.7 | ND | ND |
| cis-1,2-dichloroethene | 0.46J | ND | ND | ND | 1.6 | ND | ND | 190 | 43.4 | ND | ND |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | 3.0J | 1.1 | ND | ND |
| 1,2-dichloropropane | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| cis-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| trans-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| ethylbenzene | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| 2-hexanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| methylene chloride | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 4-methyl-2-pentanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| methyl-tert-butyl-ether | ND | NR | NR | NR | NR | NR | NR | ND | NR | NR | 0.46J |
| styrene | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| 1,1,2,2-tetrachloroethane | NR | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| tetrachloroethene | ND | ND | ND | ND | ND | ND | ND | 3.4J | 3.3 | ND | ND |
| 1,1,1-trichloroethane | ND | ND | ND | ND | 0.67J | ND | ND | ND | 0.63 J | 0.47 | 0.49J |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| trichloroethene | 21 | 11 | 7.5 | 8.0 | 308 | 7.7 | 6.7 | 65 | 35.3 | ND | 0.17J |
| trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| toluene | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | 0.19J |
| vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | NR | ND | NR | ND | ND |
| Mercury (EPA 245.1) ug/L | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | NR | ND | NR | 0.20 |
| TSS (SM20 2540D) mg/L | NR | 16.0 | <4.0 | <4.0 | <4.0 | <4.0 | ND | NR | 63 | NR | 2.4 |

**Note:**

VOC analysis changed to EPA Method

D-dilution

J-estimated value

ND-not detected

NR-not requested

R-Rejected

mg/L - milligrams per liter

µg/L - micrograms per liter

Data prior to June 2011 were collected

# Quarterly Operations Report
# Third Quarter 2016

## Groundwater Treatment Plant
## GM-38 Area Groundwater Remediation
## Naval Weapons Industrial Reserve Plant
## Bethpage, New York

**Contract No. N40085-10-D-9409**
**Contract Task Order No. 0002**

January 2017

Prepared for:

Naval Facilities Engineering Command Mid-Atlantic
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**Prepared by:**

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**Table 1**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Discharge Monitoring Results**
**Third Quarter 2016**

| SPDES Parameters | Daily Maximum Goal | Units | August 2016 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Process Stream | | | RW-1 (1) | RW-3 (2) | Combined Influent (1) | Air Stripper Effluent (ASE) | Bag Filter Effluent (BFE) | Liquid Carbon 1 Effluent (LC1) | Liquid Carbon 2 Effluent (LC2) | Liquid Carbon 3 Effluent (LC3) | Treated Effluent (TE) | Treated Effluent (TE) Duplicate |
| Well Depth | | ft | 445 | 530 | NA | NA | NA | NA | NA | NA | NA | NA |
| Screened Interval | | ft | 335-395<br>410-430 | 392-412<br>442-504 | NA | NA | NA | NA | NA | NA | NA | NA |
| Sampling Date | | | 8/1/16 | | | | | | | | | |
| Average Flowrate | 1100 | GPM | 978 | 0.3 | 978 | NR | 976 | NR | NR | NR | 1,001 | NR |
| Total Flow | | gallons | 43,636,307 | 11,900 | 43,648,207 | NR | 43,572,663 | NR | NR | NR | 44,673,611 | NR |
| pH | 5.5 - 8.5 | SU | 5.26 | N/A | 5.26 | 5.81 | 5.84 | 5.85 | 5.88 | 5.89 | 5.89 | 5.87 |
| Carbon Tetrachloride | NA | µg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethane | 5 | µg/L | 2.1 | N/A | 2.1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dichloroethane | 0.6 | µg/L | 0.35 J | N/A | 0.35 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethene | 5 | µg/L | 1.3 | N/A | 1.3 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| cis 1,2-Dichloroethene | 5 | µg/L | 9.4 | N/A | 9.4 | 0.40 J | 0.40 J | 0.42 J | 0.41 J | 0.39 J | 0.39 J | 0.45 J |
| trans 1,2-Dichloroethene | 5 | µg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Tetrachloroethene | 5 | µg/L | 27 | N/A | 27 | 0.23 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1,1-Trichloroethene | 5 | µg/L | 1.2 | N/A | 1.2 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Trichloroethene | 5 | µg/L | 120 | N/A | 120 | 1.8 | 1.7 | 1.3 | 0.81 J | 0.89 J | 1.0 | 0.90 J |
| Vinyl Chloride | 2 | µg/L | 0.33 J | N/A | 0.33 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Mercury | 0.00025 | mg/L | ND (0.00010) | N/A | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) |
| Total Suspended Solids (TSS) | NA | mg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |

**Table 1**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Discharge Monitoring Results**
**Third Quarter 2016**

| SPDES Parameters | Daily Maximum Goal | Units | September 2016 [3] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Process Stream | | | RW-1 [1] | RW-3 [2] | Combined Influent [1] | Air Stripper Effluent (ASE) | Bag Filter Effluent (BFE) | Liquid Carbon 1 Effluent (LC1) | Liquid Carbon 2 Effluent (LC2) | Liquid Carbon 3 Effluent (LC3) | Treated Effluent (TE) | Treated Effluent (TE) Duplicate |
| Well Depth | | ft | 445 | 530 | NA | NA | NA | NA | NA | NA | NA | NA |
| Screened Interval | | ft | 335-395<br>410-430 | 392-412<br>442-504 | NA | NA | NA | NA | NA | NA | NA | NA |
| Sampling Date | | | 9/6/16 | | | | | | | | | |
| Average Flowrate | 1100 | GPM | 923 | 0.3 | 924 | NR | 924 | NR | NR | NR | 946 | NR |
| Total Flow | | gallons | 39,887,336 | 12,800 | 39,900,136 | NR | 39,921,167 | NR | NR | NR | 40,854,572 | NR |
| pH | 5.5 - 8.5 | SU | 5.29 | N/A | 5.29 | 5.86 | 6.02 | 6.03 | 6.04 | 6.07 | 6.07 | 6.09 |
| Carbon Tetrachloride | NA | µg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethane | 5 | µg/L | 2.0 | N/A | 2.0 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dichloroethane | 0.6 | µg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethene | 5 | µg/L | 1.5 | N/A | 1.5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| cis 1,2-Dichloroethene | 5 | µg/L | 9.4 | N/A | 9.4 | ND (1.0) | 0.33 J | 0.30 J | 0.36 J | 0.38 J | 0.40 J | 0.29 J |
| trans 1,2-Dichloroethene | 5 | µg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Tetrachloroethene | 5 | µg/L | 27 | N/A | 27 | 0.21 J | 0.26 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1,1-Trichloroethene | 5 | µg/L | 1.1 | N/A | 1.1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Trichloroethene | 5 | µg/L | 120 | N/A | 120 | 1.9 | 1.7 | 1.0 | 0.86 J | 0.79 J | 0.89 J | 0.85 J |
| Vinyl Chloride | 2 | µg/L | 0.27 J | N/A | 0.27 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Mercury | 0.00025 | mg/L | ND (0.00010) | N/A | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) | ND (0.00010) |
| Total Suspended Solids (TSS) | NA | mg/L | ND (1.0) | N/A | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |

**Notes:**
B - Method blank contamination
J - Estimated result between laboratory method detection limit and reporting limit
N/A - Not Applicable
ND - Not detected above laboratory method detection limit. Limit of detection (LOD) given in parentheses.
NR - Not Recorded
gpm - gallons per minute

(1) On 1 July 2015, the RW-1 flowrate was increased from ~800 gpm to ~1,000 gpm and RW-3 was taken off-line, as approved by NYSDEC on 20 April 2015. Influent concentrations presented above are therefore equivalent to RW-1 concentrations only.
(2) To maintain the integrity of RW-3 for potential future use, approximately 200 gallons per minute of water are pumped for a 1-hour period from the well on a monthly basis. RW-3 is sampled semi-annually, consistent with the groundwater monitoring program.
(3) Monthly process samples were collected on 9/6/16. Changeout of the liquid phase granular activated carbon (LGAC) was performed on 9/20/16.

**Table 6**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Detected Groundwater Analytical Results**
**Third Quarter 2016**

| Sample ID | RW1-MW1 | RW1-MW3 | RW2-MW1 | RW3-MW1 | RW3-MW2 | RW3-MW2 | RW3-MW3 | RW3-MW4 | TP-01 | RW-3 (2) |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 9/14/2016 | 9/14/2016 | 9/15/2016 | 9/14/2016 | 9/14/2016 | 9/14/2016 | 9/15/2016 | 9/15/2016 | 9/14/2016 | 9/15/2016 |
| Comments | | | | | | Duplicate | | | | |
| VOCS (EPA 624) ug/L (1) | | | | | | | | | | |
| Chloroform | 0.48 J | 0.80 J | 2.4 | ND | 0.24 J | 0.23 J | 0.48 J | ND | 1.6 | 0.26 J |
| 1,1-dichloroethane | 7.0 | 7.0 | 6.4 | 0.33 J | 0.39 J | 0.34 J | 3.5 | 2.0 | 2.1 | 1.8 |
| 1,2-dichloroethane | ND | ND | 0.93 J | ND | ND | ND | 0.30 J | ND | 0.70 J | ND |
| 1,1-dichloroethene | 1.8 | 1.7 | 1.6 | 0.21 J | 0.31 J | 0.37 J | 2.0 | 0.40 J | 0.68 J | 1.5 |
| cis-1,2-dichloroethene | 16 | 0.44 J | 6.1 | ND | 1.5 | 1.5 | 1.1 | ND | 12 | 1.4 |
| trans-1,2-dichloroethene | 0.42 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.45 J | 0.35 J | ND | 2.3 | 0.48 J | 0.54 J | 0.58 J | ND | 0.37 J | 0.64 J |
| 1,1,1-trichloroethane | 1.0 | 1.6 | 0.56 J | 0.21 J | 0.44 J | 0.47 J | 0.75 J | 0.24 J | 0.49 J | 0.95 J |
| 1,1,2-trichloroethane | ND | 0.41 J | ND | ND | 0.31 J | 0.21 J | ND | ND | ND | 0.29 J |
| Trichloroethene | 110 | 3.5 | 18 | 40 | 190 | 190 | 260 | 4.3 | 47 | 230 |
| Mercury (EPA 245.1) ug/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | ND | 1.8 | 3.8 | ND | ND | ND | 1.1 | 1.4 | ND | ND |

**Notes:**
J = estimated value
ND = Not detected above laboratory method detection limit
mg/L = milligrams per liter
µg/L = micrograms per liter

(1) Samples were analyzed for TCL VOCs. Only those VOCs detected are presented above.
(2) RW-3, previously an active extraction well sampled on a monthly basis, was taken off-line on 7/1/15. RW-3 is now sampled semi-annually, in conjunction with the semi-annual LTM events.

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW1-MW1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 5/4/2005 | 7/22/2005 | 5/27/2009 | 1/21/2010 | 4/21/2010 | 7/28/2010 | 11/10/2010 | 3/25/2011 | 6/14/2011[1] | 6/14/2011 | 9/28/2011 | 11/30/2011 | 3/8/2012 | 6/6/2012 | 6/6/2012 | 8/21/2012 | 12/4/2012 | 3/13/2013 | 6/19/2013[2] | 9/17/2013 | 12/16/2013 | 3/24/2014 | 3/24/2014 | 9/22/2014 | 3/25/2015 | 9/15/2015 | 3/22/2016 | 9/14/2016 |
| Comments | | | | | | | | | | Duplicate | | | | | Duplicate | | | | | | | | Duplicate | | | | | | |
| Well Depth (Ft) | 435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screened Interval (Ft) | 395-435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | 30 R | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | R | R | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | 0.32J | ND | ND | ND | 0.17J | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | 2.0 R | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | 0.7J | 1.1 | ND | 0.70J | 0.65J | 0.56J | 0.55J | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.55 J | 0.39 J | ND | ND | 0.48 J | 0.48 J | |
| Chloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 0.74J | 0.79J | 3.3 | 2.9J | 2.8 | 2.8 | 3.0 | 3.6 | 1.6 J | 4.2 J | 4.0 J | 4.1 | 5.2 | 4.8 | 4.3 | 5.3 | 4.9 | 5.3 | 4.8 J | 4.7 J | 5.2 | 5.3 | 5.3 | 4.1 J | 5.1 | 5.1 | 6.5 | 7.0 | |
| 1,2-dichloroethane | ND | ND | 0.29J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | 1.3 | 2.8 | 3.1 | 1.7J | 1.9 | 1.7 | 1.7 | 1.9 | 0.85 J | 2.1 J | 2.3 J | 2.1 | 2.7 | 2.5 | 2.3 | 2.8 | 2.0 | 2.8 | ND | 2.5 | 2.6 | 2.8 | 2.7 | 2.2 J | 2.2 J | 1.9 | 2.2 | 1.8 | |
| cis-1,2-dichloroethene | 78.6 | 80.4 | 180D | 130 | 121 | 118 | 108 | 121 | 55.8 J | 145 J | 164 | 132 | 179 | 165 | 145 | 167 | 108 | 91.7 | 64 | 86.2 J | 84.4 | 92.6 J | 94.2 | 49.8 | 39.5 | 22.0 | 20.0 | 16 | |
| trans-1,2-dichloroethene | 2.0 | 1.3J | 2.8 | 4J | 2.9 | 2.1 | 1.3 | 4.2 | 0.71 J | 2.0 J | 2.0 J | 1.7 | 3.0 | 3.7 | 2.6 | 2.4 | 1.8 | 1.7 | ND | ND | 1.4 | 1.4 | 1.4 | 1.0 | 0.79 J | 0.50 J | 0.51 J | 0.42 J | |
| 1,2-dichloropropane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | 1.75J | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl-tert-butyl-ether | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | ND | 0.72J | ND | 0.42J | ND | ND | ND | ND | ND | 0.36 J | ND | ND | ND | ND | ND | ND | ND | ND | 0.35 J | 0.67 J | 0.33 J | 0.37 J | 0.76 J | 0.30 J | 0.62 J | 0.67 J | 0.45 J | |
| Toluene | ND | 0.33J | 0.68 | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | ND | ND | 0.71J | ND | 0.52J | 0.43J | 0.53J | 0.79J | ND | 0.63 J | 1.1 J | 0.66 J | 0.96 J | 0.98 J | 0.89 J | 0.99 J | 0.88 J | 1.1 | ND | 1.2 | 1.5 | ND | ND | ND | ND | ND | ND | 1.0 | |
| 1,1,2-trichloroethane | ND | ND | 0.58J | NR | ND | ND | ND | ND | NR | NR | ND | 0.33 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 53.6 | 52.7 | 140.0 | 79.0 | 116 | 95.4 | 84.2 | 97.6 | 26.6 J | 73.8 J | 129 | 84.5 | 115 | 107 | 102 | 126 | 85 | 101 | 78 | 175 | 128 | 101 | 103 | 94.3 | 99.5 | 98.9 | 114 | 110 | |
| m,p-xylene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| o-xylene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | ND | ND | 1.6 | ND | ND | ND | 0.17J | ND | ND | 0.38 J | 0.29 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | ND | 0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | NR | NR | 2.8 | 2.8 | 6.0 | 4.0 | 4.0 | 4.0 | ND | 6 | ND | 11 | 16 | 9 | 5 | 6 | ND | ND | ND | ND | 11 | ND | ND | ND | ND | ND | ND | ND | ND |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW1-MW2 | | | | RW1-MW3 | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 5/4/2005 | 7/22/2005 | 5/28/2009 | 6/18/2013[2] | 1/20/2010 | 4/21/2010 | 7/29/2010 | 11/10/2010 | 3/25/2011 | 6/14/2011 | 9/28/2011 | 11/30/2011 | 3/8/2012 | 6/7/2012 | 8/22/2012 | 12/7/2012 | 3/14/2013 | 6/19/2013[2] | 9/17/2013 | 12/17/2013 | 3/25/2014 | 9/23/2014 | 3/25/2015 | 9/14/2015 | 3/21/2016 | 9/14/2016 |
| Comments | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Depth (Ft) | 435 | | | | 435 | | | | | | | | | | | | | | | | | | | | | |
| Screened Interval (Ft) | 395-435 | | | | 395-435 | | | | | | | | | | | | | | | | | | | | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | 30 R | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | R | R | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | ND | ND | ND | NR | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.41 J | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | 1.4 | ND | ND | 0.67J | 0.80J | 0.47J | 0.69J | 0.73J | NR | 0.97 J | ND | 0.73 J | 0.64 J | ND | 1.2 J | ND | 0.82 | ND | ND | 0.74 J | 0.67 J | 0.79 J | ND | 0.79 J | 0.80 J |
| Chloromethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.29 J | ND | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 4.6 | 5.5 | 3.4 | 3.9 | 2.4 | 4.6 | 1.5 | 2.3 | 2.4 | 9.3 | 10.1 J | 2.1 | 8.4 | 5.7 | 9.4 | 9.3 | 8.5 | 10 | 9.7 J | 8.1 | 8.6 | 6.1 J | 8.1 | 7.7 | 7.4 | 7.0 |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.18 J | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | 3.2 | 12.3 | ND | ND | 0.42J | 1.10 | ND | 0.28J | ND | 1.8 | 2.2 J | ND | 1.8 | 0.86 J | 2.4 | 2.2 | 1.7 | 1.8 | 1.6 | 1.9 | 2.1 | 1.6 J | 2.3 J | 2.3 | 2.5 | 1.7 |
| cis-1,2-dichloroethene | 181.0 | 47.6 | 160.0 | 120 | 0.54J | 0.48J | 0.36J | 0.55J | 0.58J | 0.59 J | 0.43 J | 0.55 J | 0.68 J | 0.33 J | 0.56 J | 0.46 J | 0.53 J | 0.46 J | 0.72 J | 0.60 J | 0.57 J | 0.44 J | 0.54 J | 0.49 J | 0.58 J | 0.44 J |
| trans-1,2-dichloroethene | 2.5 | 7.6 | 2.5 | 1.9 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | 4.01 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | 1.0 | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl-tert-butyl-ether | NR | NR | ND | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | ND | ND | ND | NR | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | 0.23 J | ND | ND | ND | 0.20 J | ND | ND | ND | ND | ND | ND | 0.25 J | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | 134.0 | 19.0 | 5.9 | ND | 049J | ND | ND | ND | 0.33 J | 0.62 J | ND | 0.65 J | 0.30 J | 0.97 J | 0.40 J | ND | ND | ND | ND | ND | ND | ND | 0.50 J | ND | 0.35 J |
| Toluene | 0.32J | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | 1.3 | 1.0 | ND | ND | 0.41J | 0.98J | ND | 0.26J | 0.33J | 1.6 | 2.7 J | ND | ND | 1.1 J | 1.9 | 1.7 | 1.4 | 1.8 | 1.5 | 2.0 | 1.7 | 1.2 J | 1.5 | 1.6 | 2.1 | 1.6 |
| 1,1,2-trichloroethane | ND | 0.65J | ND | ND | 0.62J | 0.60J | 0.36J | 0.55J | 0.41J | NR | 0.57 J | 0.63 J | 0.70 J | 0.61 J | 0.56 J | 0.54 J | 0.61 J | 0.46 J | ND | 0.55 J | 0.46 J | 0.46 J | 0.43 J | 0.44 J | 0.47 J | 0.41 J |
| Trichloroethene | 158.0 | 198.0 | 200.0 | 64 | 1.2 | 1.6 | 0.58J | 0.91J | 1.0 | 1.4 | 1.8 J | 1.0 J | 2.2 | 1.3 | 2.3 | 1.6 | 1.9 | 1.7 | 2.5 | 3.2 | 2.5 | 1.9 | 2.0 | 2.4 | 4.5 | 3.5 |
| m,p-xylene | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| o-xylene | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | 12.9 | 187.0 | 4.1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | 0.20 | NR | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | NR | NR | 4.0 | NR | NR | 8.0 | <4.0 | <4.0 | <4.0 | ND | ND | ND | 5 | ND | ND | ND | ND | ND | ND | ND | 5 | ND | ND | ND | ND | 1.8 |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW2-MW1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RW2-MW2 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | 5/4/2005 | 7/20/2005 | 5/27/2009 | 1/18/2010 | 4/21/2010 | 7/28/2010 | 11/3/2010 | 3/24/2011 | 6/14/2011 | 9/27/2011 | 11/29/2011 | 3/7/2012 | 6/6/2012 | 8/21/2012 | 12/7/2012 | 3/13/2013 | 6/17/2013[2] | 9/17/2013 | 12/17/2013 | 12/17/2013 | 3/25/2014 | 9/23/2014 | 3/26/2015 | 9/14/2015 | 3/21/2016 | 3/21/2016 | 9/15/2016 | 5/4/2005 | 7/21/2005 | 6/17/2013[2] |
| **Comments** | | | | | | | | | | | | | | | | | | | Duplicate | | | | | | | Duplicate | | | | | |
| **Well Depth (Ft)** | 510 | | | | | | | | | | | | | | | | | | | | | | | | | | | 510 | | |
| **Screened Interval (Ft)** | 470-510 | | | | | | | | | | | | | | | | | | | | | | | | | | | 470-510 | | |
| **VOCS (EPA 624) ug/L [4]** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | 30 R | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| Acetone | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND |
| Benzene | ND | ND | ND | ND | 0.15J | 0.69J | 0.58J | 0.30J | NR | 0.22 J | 0.27 J | 0.22 J | ND | ND | 0.68 J | 0.54 J | ND | 0.59 J | ND | ND | 0.21 J | 0.21 J | 0.56 J | ND | ND | 0.18 J | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.8 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | R | R | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | R | R | ND |
| carbon disulfide | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 7.0 J | 1.6 J | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND |
| Chloroethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | 2.0 R | 2.0 R | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| Chloroform | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | 0.38 J | ND | ND | ND | 2.9 | ND | ND | ND | 2.8 J | 1.5 | 0.46 J | 2.2 | 3.4 | 3.5 | 2.4 | ND | ND | 0.55 |
| Chloromethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.68 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 0.53J | 0.93J | 1.2J | 0.82J | 0.60J | 0.58J | 0.42J | ND | 0.61 J | 0.64 J | ND | 0.50 J | 4.2 | 4.8 | 0.58 J | 0.52 J | 7.0 | ND | 5.8 | 6.4 | 5.1 | ND | 2.1 | 6.3 | 8.7 | 8.5 | 6.4 | ND | 0.78J | 4.9 |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.9 J | 1.7 J | 1.3 | 0.69 J | 0.41 J | 1.4 | 1.4 | 1.3 | 0.93 J | ND | ND | 0.32 J |
| 1,1-dichloroethene | ND | 0.58J | 0.55J | 0.63J | ND | ND | ND | ND | ND | ND | ND | ND | 0.55 J | 0.95 J | 0.19 J | ND | 1.9 | ND | 2.6 | 2.6 | 1.8 | 1.3 J | 0.61 J | 2.6 | 3.7 | 3.4 | 1.6 | ND | 0.41J | 0.72 |
| cis-1,2-dichloroethene | ND | 0.55J | 1.9 | 1.0 | 0.78J | 0.80J | 0.55J | 0.43J | 0.56 J | 0.32 J | 0.39 J | 0.34 J | 0.32 J | 0.39 J | 0.33 J | 0.29 J | 7.7 | 0.77 J | 11.0 J | 11.1 J | 8.0 | 4.0 | 2.6 | 13.3 | 15.3 | 15.0 | 6.1 | 0.33J | 0.41J | 4.6 |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | 5.34 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 7.45J | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND |
| methyl-tert-butyl-ether | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | ND | ND | ND | NR | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | ND | 0.85J | 1.0 | ND | 0.52J | 0.49J | 0.50J | ND | NR | 0.24 J | 0.29 J | 0.19 J | ND | ND | 0.27 J | ND | ND | 0.31 J | ND | ND | ND | ND | 0.26 J | ND | 0.20 J | ND | ND | 0.33J | 0.53J | ND |
| 1,1,1-trichloroethane | ND | 0.37J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.33 J | ND | ND | 0.84 | ND | 0.94 J | 0.94 J | ND | 0.39 J | ND | ND | ND | ND | 0.56 J | ND | ND | 0.34 J |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | D | ND | ND |
| Trichloroethene | 37.6 | 34.6 | 12.0 | 15.0 | 0.42J | ND | ND | 1.7 | 1.6 | 0.89 J | 0.67 J | 0.67 J | 9.0 | 20.8 | 0.73 J | 0.67 J | 14 | 1.5 | 34.6 | 33.5 | 23.4 | 18.3 | 4.3 | 27.5 | 43.9 | 44.2 | 18 | 7.8 | 13.8 | 12 |
| m,p-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| Trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| Trichlorotrifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| o-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | 1.4J | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | 0.05J | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR |
| TSS (SM20 2540D) mg/L | NR | NR | 2260.0 | NR | 58.0 | <4.0 | <4.0 | <4.0 | 181 | 5 | 36 | 6 | 25 | 12 | 10 | ND | 13 | 12 | 30 | 24 | 12 | 6 | 17 | 11 | 24 | 26 | 3.8 | NR | NR | NR |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW2-MW3 | | | | RW3-MW1 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | 5/3/2005 | 7/20/2005 | 5/28/2009 | 6/18/2013[2] | 1/19/2010 | 4/22/2010 | 7/29/2010 | 11/9/2010 | 3/25/2011 | 3/25/2011 | 6/14/2011 | 9/27/2011 | 11/30/2011 | 11/30/2011 | 3/7/2012 | 6/7/2012 | 8/22/2012 | 12/6/2012 | 3/14/2013 | 6/20/2013[2] | 6/20/2013[2] | 9/18/2013 | 12/17/2013 | 3/25/2014 | 9/23/2014 | 3/25/2015 | 9/15/2015 | 3/22/2016 | 9/14/2016 |
| **Comments** | | | | | | | | | | Duplicate | | | | Duplicate | | | | | | | Duplicate | | | | | | | | |
| **Well Depth (Ft)** | 510 | | | | 350 | | | | | | | | | | | | | | | | | | | | | | | | |
| **Screened Interval (Ft)** | 470-510 | | | | 330-350 | | | | | | | | | | | | | | | | | | | | | | | | |
| **VOCS (EPA 624) ug/L** [4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | 30 R | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | 30 R | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | R | R | ND | ND | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | ND | 0.19J | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | ND | ND | ND | 0.20J | ND | ND | NR | ND | ND | ND | ND | ND | ND | 0.63 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 0.68J | 0.31J | 1.4 | 7.4 | 1.6 | 1.5 | 1.7 | 1.4 | 1.3 | 1.3 | 1.1 | 1.0 J | 0.96 J | 0.93 J | 0.90 J | 0.80 J | 0.87 J | 0.98 J | 1.2 | ND | ND | 1.2 J | 1.2 | 1.1 | 0.69 J | 0.64 J | 0.76 J | 0.40 J | 0.33 J |
| 1,2-dichloroethane | ND | ND | ND | ND | 0.27J | ND | ND | ND | ND | ND | ND | 0.57 J | ND | ND | 0.43 J | ND | ND | 0.50 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | ND | ND | 0.42J | ND | 1.2 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 0.85 J | 0.65 J | 0.64 J | 0.66 J | 0.47 J | 0.19 J | 0.54 J | 0.65 J | 0.68 J | ND | ND | 0.57 J | 0.69 J | 0.74 J | 0.43 J | 0.42 J | 0.41 J | 0.29 J | 0.21 J |
| cis-1,2-dichloroethene | 0.40J | 0.66J | 2.3 | ND | 0.37J | ND | 0.32J | 0.45J | 0.47J | 0.45J | 0.48 J | 0.31 J | 0.36 J | 0.43 J | 0.37 J | 0.39 J | 0.36 J | 0.44 J | 0.38 J | ND | ND | 0.43 J | 0.41 J | 0.38 J | 0.30 J | ND | ND | ND | ND |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | 7.42J | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| isopropylbenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl-tert-butyl-ether | NR | NR | ND | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | ND | ND | ND | 0.49J | 0.81J | 0.73J | 1.5 | 1.4 | 1.6 | 1.2 | 1.3 J | 1.0 | 1.1 | 1.0 | 0.33 J | ND | 0.44 J | 1.6 | 1.8 J | 1.7 J | 1.2 | 1.6 | 1.5 | 1.6 | 2.2 | 1.6 | 2.5 | 2.3 |
| Toluene | ND | 0.50J | 0.39J | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | 0.26 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | ND | ND | ND | ND | ND | 0.98J | 0.84J | 1.2 | 1.1 | 1.1 | 0.78 J | 1.0 J | 0.59 J | 0.63 J | 0.58 J | 0.54 J | 0.42 J | 0.34 J | 0.49 J | ND | ND | 0.61 J | 0.66 J | 0.66 J | 0.39 J | 0.35 J | 0.36 J | 0.30 J | 0.21 J |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 16.2 | 20.6 | 18.0 | 60 | 35.0 | 53.2 | 52.3 | 77.6 | 76.2 | 77.9 | 63.1 | 72.4 J | 51.0 | 55.2 | 59.0 | 42.5 | 37.7 | 42.8 | 46.6 | 49 | 48 | 62.7 | 60.5 | 60.0 | 43.4 | 41.8 | 45.4 | 37.6 | 40 |
| m,p-xylene | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 0.80 J | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| o-xylene | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | ND | NR | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.04 J | ND | ND |
| TSS (SM20 2540D) mg/L | NR | NR | 14.8 | NR | NR | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | 5160 | ND | ND | ND | NR | 17 | ND | ND | 16 | ND | 9.5 J | ND | 15 | 14 | 8 | 12 | ND | ND | ND |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW3-MW2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/19/2010 | 1/19/2010 | 4/22/2010 | 7/29/2010 | 11/9/2010 | 11/9/2010 | 3/25/2011 | 6/14/2011 | 9/27/2011 | 11/30/2011 | 3/8/2012 | 6/7/2012 | 8/22/2012 | 8/22/2012 | 12/4/2012 | 12/4/2012 | 3/14/2013 | 6/20/2013[2] | 9/17/2013 | 12/17/2013 | 3/25/2014 | 9/23/2014 | 9/23/2014 | 3/25/2015 | 9/14/2015 | 3/22/2016 | 9/14/2016 | 9/14/2016 |
| Comments | | Duplicate | | | Duplicate | | | | | | | | | Duplicate | | Duplicate | | | | | | | Duplicate | | | | | Duplicate |
| Well Depth (Ft) | 495 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screened Interval (Ft) | 475-495 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | 30 R | 30 R | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | 0.23 J | ND | ND | 0.62 J | 0.64 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.27 J | 0.24 J | 0.23 J | |
| Chloromethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | ND | ND | 0.54J | ND | ND | ND | ND | 0.52 J | 0.37 J | ND | 0.41 J | 0.66 J | 0.74 J | 0.73 J | 0.69 J | 0.71 J | 0.68 J | ND | 0.65 J | 0.59 J | 0.62 J | 0.51 J | 0.51 J | 0.56 J | 0.47 J | 0.52 J | 0.39 J | 0.34 J | |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | ND | ND | 1.2 | ND | ND | ND | ND | 0.57 J | 0.45 J | 0.27 J | 0.27 J | 0.36 J | 0.49 J | 0.49 J | 0.40 J | 0.43 J | 0.53 J | ND | 0.29 J | 0.45 J | 0.44 J | 0.38 J | 0.33 J | 0.33 J | 0.30 J | 0.46 J | 0.31 J | 0.37 J | |
| cis-1,2-dichloroethene | 1.5J | 1.6J | 2.4 | 1.1 | 0.92J | 0.92J | 1.6 | 1.7 | 1.1 | 1.4 | 1.3 | 1.5 | 1.6 | 1.5 | 1.6 | 1.6 | 1.6 | ND | 1.3 J | 1.9 | 1.7 | 1.4 | 1.3 | 1.5 | 1.4 | 1.7 | 1.5 | 1.5 | |
| trans-1,2-dichloroethene | ND | ND | 0.43 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | 0.69 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl-tert-butyl-ether | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | NR | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | NR | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.28 J | ND | ND | ND | ND | ND | ND | ND | 0.29 J | ND | ND | ND | 0.52 J | 0.66 J | 0.48 J | 0.54 J | |
| Toluene | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | ND | ND | 0.58J | ND | ND | ND | ND | 0.39 J | 0.43 J | ND | ND | 0.54 J | 0.52 J | 0.49 J | 0.42 J | 0.43 J | 0.41 J | ND | 0.47 J | 0.50 J | 0.43 J | 0.36 J | 0.39 J | 0.38 J | 0.41 J | 0.47 J | 0.44 J | 0.47 J | |
| 1,1,2-trichloroethane | ND | ND | ND | ND | 0.25 J | 0.27J | ND | NR | 0.32 J | 0.32 J | 0.32 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.32 J | 0.31 J | 0.21 J | |
| Trichloroethene | 160 | 170 | 211 | 73 | 58.2 | 60.9 | 110 | 135 | 151 | 71.9 | 96.5 | 209 | 198 | 192 | 173 J | 171 | 155 | 140 | 174 | 176 | 164 | 148 | 151 | 159 | 169 | 204 | 190 | 190 | |
| m,p-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| o-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | NR | NR | 5.0 | 6.0 | ND | 10.0 | 10.0 | 7 | 6 | ND | 8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW3-MW3 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/20/2010 | 4/22/2010 | 4/22/2010 | 7/28/2010 | 11/3/2010 [1] | 3/25/2011 | 6/15/2011 | 9/28/2011 | 11/29/2011 | 3/7/2012 | 3/7/2012 | 6/7/2012 | 8/22/2012 | 12/4/2012 | 3/14/2013 | 6/21/2013[2] | 9/18/2013 | 12/17/2013 | 3/26/2014 | 9/23/2014 | 3/25/2015 | 3/25/2015 | 9/15/2015 | 3/21/2016 | 9/15/2016 |
| Comments | | | Duplicate | | | | | | | | Duplicate | | | | | | | | | | | Duplicate | | | | |
| Well Depth (Ft) | 340 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screened Interval (Ft) | 320-340 | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | 150 R | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.0 R | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | 0.40J | 0.46J | ND | 0.33J | NR | 0.48 J | ND | 0.42 J | 0.42 J | 2.3 J | ND | 0.88 J | ND | ND | ND | 3.4 J | ND | 0.27 J | 0.40 J | 0.33 J | ND | ND | 0.48 J | |
| Chloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | ND | 1.6 | 1.6 | 2.3 | 1.0 | 1.5 | 7.1 | 3.2 J | 1.5 | 3.3 | 3.3 | 2.6 J | ND | 4.2 | 4.5 J | ND | ND | 3.7 J | 4.9 J | 1.3 J | 1.8 | 1.8 | 1.2 | 4.0 | 3.5 | |
| 1,2-dichloroethane | ND | 0.52J | 0.54J | ND | ND | ND | 0.37 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.30 J | |
| 1,1-dichloroethene | ND | 1.1 | 1.3 | 1.2 | ND | 0.96J | 2.6 | 1.8 J | 0.96 J | 1.9 | 1.9 | 1.7 J | 1.4 J | 1.9 | 2.1 J | ND | ND | ND | 2.4 J | 0.94 J | 1.5 J | 1.4 J | 1.1 | 2.4 | 2.0 | |
| cis-1,2-dichloroethene | ND | 2.1 | 2.1 | 1.7 | ND | 2.3 | 1.2 | 1.9 | 2.1 | 2.1 | 2.1 | 1.4 J | 1.8 J | 1.2 | ND | ND | ND | ND | ND | 1.2 | 1.3 | 1.3 | 1.3 | 1.1 | 1.1 | |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-dichloropropane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Methylene chloride | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | 3.2 J | ND | 6.2 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4-methyl-2-pentanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| methyl-tert-butyl-ether | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| styrene | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tetrachloroethene | ND | 0.45J | 0.49J | ND | ND | ND | 0.40 J | 0.50 J | ND | 0.72 J | 0.69 J | ND | ND | 0.43 J | ND | ND | ND | ND | ND | ND | 0.36 J | 0.37 J | 0.77 J | 0.71 J | 0.58 J | |
| Toluene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-trichloroethane | ND | 0.95J | 1.0J | 0.72J | ND | 0.62J | 1.3 | 1.0 J | 0.49 J | 0.84 J | 0.87 J | ND | ND | 0.85 J | ND | ND | ND | ND | ND | 0.40 J | 0.48 J | 0.45 J | 0.36 J | 1.1 | 0.75 J | |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 350 | 397 | 382 | 297 | 8.5 | 288 | 331 | 215 J | 250 | 312 | 325 | 285 | 248 | 291 | 347 | 410 | 322 | 322 | 350 | 147 | 182 | 184 | 138 | 284 | 260 | |
| m,p-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| o-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TSS (SM20 2540D) mg/L | NR | 4.0 | 5.0 | <4.0 | <4.0 | <4.0 | ND | ND | ND | ND | ND | 13 | 10 | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.1 | |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | RW3-MW4 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/20/2010 | 4/22/2010 | 7/28/2010 | 7/28/2010 | 11/3/2010 [1] | 3/24/2011 | 6/15/2011 | 9/28/2011 | 11/29/2011 | 3/7/2012 | 6/7/2012 | 8/22/2012 | 12/4/2012 | 3/14/2013 | 6/21/2013 [2] | 9/17/2013 | 12/17/2013 | 3/26/2014 | 9/23/2014 | 3/25/2015 | 9/15/2015 | 3/21/2016 | 9/15/2016 |
| Comments | | | | Duplicate | | | | | | | | | | | | | | | | | | | | |
| Well Depth (Ft) | 495 | | | | | | | | | | | | | | | | | | | | | | | |
| Screened Interval (Ft) | 475-495 | | | | | | | | | | | | | | | | | | | | | | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | 30 R | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Benzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| carbon disulfide | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | 0.32J | ND | NR | 0.87 J | ND | 0.38 J | ND | ND | 0.71 J | ND | 1.2 | ND | ND | 1.2 J | 0.38 J | 1.2 | ND | 0.64 J | ND | ND |
| Chloromethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 1,1-dichloroethane | 2.5 | 0.6 | 0.54J | 0.50J | 1.8 | 0.81 | 0.78 J | 5.4 J | 0.84 J | 1.8 | 0.50 J | ND | 1.2 | 3.8 | 4.6 | 2.9 | 4.9 | 5.5 | 2.7 J | 6.9 | 0.88 J | 4.9 | 2.0 | |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.23 J | ND | ND | 0.37 J | ND | ND | ND | ND | ND | |
| 1,1-dichloroethene | 1.0 | ND | ND | ND | 0.86J | ND | 0.20 J | 0.53 J | ND | 0.21 J | ND | ND | 0.19 J | 0.38 J | 0.42 J | ND | 0.39 J | 0.95 J | 0.37 J | 1.3 J | 0.21 J | 0.85 J | 0.40 J | |
| cis-1,2-dichloroethene | 0.46J | ND | ND | ND | 1.6 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| trans-1,2-dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-dichloropropane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| cis-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| trans-1,3-dichloropropene | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 2-hexanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| Methylene chloride | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.43 J | ND | |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| 4-methyl-2-pentanone | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| methyl-tert-butyl-ether | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| styrene | NR | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| 1,1,2,2-tetrachloroethane | NR | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| Tetrachloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.31 J | 0.46 J | ND | |
| Toluene | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,1-trichloroethane | ND | ND | ND | ND | 0.67J | ND | ND | 0.66 J | ND | ND | ND | ND | ND | ND | 0.29 J | ND | 0.39 J | 0.48 J | ND | 0.60 J | ND | 0.48 J | 0.24 J | |
| 1,1,2-trichloroethane | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| Trichloroethene | 21 | 11 | 7.5 | 8.0 | 308 | 7.7 | 6.7 | 3.4 J | 5.6 | 4.6 | 5.4 | 5.5 | 4.5 | 2.3 | 1.8 | 5.0 | 4.4 | 3.3 | 2.5 | 2.7 | 4.1 | 2.9 | 4.3 | |
| m,p-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | |
| Trichlorotrifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| o-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| xylenes (total) | ND | ND | ND | ND | ND | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| Mercury (EPA 245.1) ug/L | NR | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| TSS (SM20 2540D) mg/L | NR | 16.0 | <4.0 | <4.0 | <4.0 | <4.0 | ND | 11 | 6 | 5 | ND | ND | ND | 22 | ND | ND | ND | 9 | 5 | 5 | ND | ND | 1.4 | |

**Table 7**
**GM-38 Area Groundwater Remediation**
**Groundwater Treatment Plant**
**Naval Weapons Industrial Reserve Plant - Bethpage, NY**
**Summary of Historical Groundwater Analytical Results**
**Through Third Quarter 2016**

| Sample ID | TP-01 | | | | | | | | | | | | | | | | | | | | | | IW-1 MW-1 | | IW-1 | RW-3 [3] | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | 1/21/2010 | 6/15/2011 | 9/27/2011 | 9/27/2011 | 11/30/2011 | 3/8/2012 | 6/6/2012 | 8/22/2012 | 12/4/2012 | 3/13/2013 | 3/13/2013 | 6/17/2013[2] | 9/17/2013 | 9/17/2013 | 12/16/2013 | 3/25/2014 | 9/22/2014 | 3/25/2015 | 9/14/2015 | 9/14/2015 | 3/21/2016 | 9/14/2016 | 5/3/2005 | 6/18/2013[2] | 5/27/2009 | 9/15/2015 | 3/22/2016 | 9/15/2016 |
| Comments | | | | Duplicate | | | | | | | Duplicate | | | Duplicate | | | | | | Duplicate | | | | | | | | |
| Well Depth (Ft) | 470 | | | | | | | | | | | | | | | | | | | | | | 150 | | 230 | 530 | | |
| Screened Interval (Ft) | 450-470 | | | | | | | | | | | | | | | | | | | | | | 20-150 | | 200-230 | 442-504 | | |
| VOCS (EPA 624) ug/L [4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acrolein | NR | NR | ND | ND | ND | ND | ND | 30 R | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND | ND |
| Acrylonitrile | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | NR | ND | ND | ND |
| Acetone | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.34 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-butanone | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | R | ND | ND | NR | NR | NR |
| carbon disulfide | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | NR | NR | NR |
| Carbon tetrachloride | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND |
| Chloroethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-chloroethylvinyl ether | NR | NR | ND | ND | ND | ND | ND | ND | ND | 2.0 R | 2.0 R | NR | ND | ND | ND | ND | ND | ND | 2.0 R | ND | ND | ND | NR | NR | NR | ND | ND | ND |
| Chloroform | ND | NR | 0.68 J | 0.74 J | ND | 0.74 J | 0.82 J | ND | 2.5 J | 1.2 | 1.1 | 11 | 5.2 J | ND | 7.4 | 6.8 J | 1.9 | 2.6 | 1.3 | 1.3 | 1.7 | 1.6 | 0.94J | ND | 0.98J | ND | 0.46 J | 0.26 J |
| Chloromethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| 1,2-dibromo-3-chloro-propane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | NR | NR | NR |
| 1,2-dibromomethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | NR | NR | NR |
| 1,2-dichlorobenzene | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND |
| 1,3-dichlorobenzene | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND |
| 1,4-dichlorobenzene | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND |
| dichlorodifluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| 1,1-dichloroethane | 3.6J | 5.0 | 3.7 | 3.7 | 2.9 | 3.7 | 3.7 | 3.4 | 1.1 | 1.5 | 1.4 | 3.2 | 2.1 J | 2.8 | 1.5 | ND | 1.3 J | 2.5 | 2.1 | 2.0 | 1.8 | 2.1 | 0.39J | 0.51 | 0.22J | 1.9 | 2.1 | 1.8 |
| 1,2-dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | 0.35 J | 0.36 J | 0.37 J | 0.30 J | ND | ND | ND | ND | 0.67 J | 0.88 J | 0.82 J | 0.82 J | 0.86 J | 0.70 J | ND | ND | ND | ND | ND | ND |
| 1,1-dichloroethene | ND | 1.7 | 1.1 | 1.0 | 1.0 | 1.2 | 1.4 | 1.1 | 0.23 J | 0.44 J | 0.42 J | 0.77 | 0.66 J | 0.74 J | 0.33 J | 0.22 J | 0.47 J | 1.2 J | 0.77 J | 0.83 J | 0.75 J | 0.68 J | ND | ND | ND | 1.9 | 2.5 | 1.5 |
| cis-1,2-dichloroethene | 190 | 43.4 | 40.4 | 40.2 | 74.9 | 53.3 | 29.9 | 16.1 | 4.2 | 5.8 | 5.8 | 8.7 | 14.1 J | 14.7 | 8.0 | 5.3 | 7.6 | 13.4 | 11.3 | 11.6 | 10.8 | 12 | ND | ND | ND | 1.6 | 2.4 | 1.4 |
| trans-1,2-dichloroethene | 3.0J | 1.1 | 1.0 J | 0.92 J | 1.1 | 0.87 J | 0.79 J | 0.35 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.23 J | ND |
| 1,2-dichloropropane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-dioxane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ethylbenzene | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-hexanone | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | NR | NR | NR |
| isopropylbenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| methyl acetate | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| Methylene chloride | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.37 J | ND | ND | ND | ND | ND | 0.64 J | ND |
| methylcyclohexane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| 4-methyl-2-pentanone | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | ND | NR | NR | NR |
| methyl-tert-butyl-ether | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 0.46J | NR | NR | NR |
| styrene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | NR | NR | NR |
| 1,1,2,2-tetrachloroethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-trichlorobenzene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| Tetrachloroethene | 3.4J | 3.3 | 4.4 | 4.4 | 3.6 | 4.7 | 6.0 | 4.0 | 0.42 J | 0.34 J | 0.32 J | 1.6 | 0.77 J | 1.5 J | 0.57 J | ND | ND | 0.48 J | 0.82 J | 0.88 J | 0.72 J | 0.37 J | ND | 0.55 | ND | 0.68 J | 0.79 J | 0.64 J |
| Toluene | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.19J | ND | ND | ND |
| 1,1,1-trichloroethane | ND | 0.63 J | 0.73 J | 0.76 J | 0.29 J | 0.57 J | 1.1 J | 0.86 J | ND | 0.35 J | 0.35 J | 0.62 | 0.66 J | 0.66 J | 0.50 J | ND | ND | ND | ND | ND | ND | 0.49 J | 0.47 | 0.92 | 0.49J | 0.96 J | 1.3 | 0.95 J |
| 1,1,2-trichloroethane | ND | NR | 0.31 J | 0.31 J | 0.32 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.30 J | 0.49 J | 0.29 J |
| Trichloroethene | 65 | 35.3 | 41.0 | 39.6 | 38.0 | 38.1 | 40.4 | 27.9 | 22.0 | 25.9 | 25.4 | 25 | 27.0 | 26.7 | 29.8 | 21.7 | 31.9 | 52.3 | 53.0 | 53.9 | 61.7 | 47 | ND | ND | 0.17J | 237 | 371 | 230 |
| m,p-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | ND | ND | ND | ND |
| Trichlorotrifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR |
| Trichlorofluoromethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR |
| o-xylene | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | ND | NR | NR | NR |
| 1,1,2-trichloro-1,2,2-trifluoroethane | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | NR | NR |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| xylenes (total) | ND | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | ND | NR | ND | NR | NR | NR |
| Mercury (EPA 245.1) ug/L | NR | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | 0.20 | ND | ND | ND |
| TSS (SM20 2540D) mg/L | NR | 63 | 18 | NR | ND | 7 | 6 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NR | NR | 2.4 | ND | ND | ND |

**Note:**
VOC analysis changed from SW846 8260B to EPA Method 624 in January 2010.
D = Dilution
J = estimated value
ND = not detected
NR = not reported / required
R = rejected
mg/L - milligrams per liter
µg/L - micrograms per liter

(1) Analytical results presented above for samples collected from RW3-MW3 and RW3-MW4 in November 2010 are not consistent with historical trends, indicating samples may have been switched. For trend analysis, concentrations for RW3-MW3 were used for RW3-MW4 for November 2010 and vise versa.

(2) VOCs were analyzed by USEPA Method 524.2 (as opposed to Method 624) in June 2013 to correlate with samples collected under the Bethpage Regional Plume Comprehensive Groundwater Sampling Plan conducted in June 2013.

(3) RW-3, previously an active extraction well sampled on a monthly basis, was taken off-line on 7/1/15. RW-3 is now sampled semi-annually, in conjunction with the semi-annual LTM events.

(4) Samples were analyzed for TCL VOCs, including tentatively identified compounds (TICs), beginning in March 2016. No TICs were detected, unless otherwise indicated.

Data prior to June 2011 were collected by others.

Glenn Springs Holdings, Inc.

Roger F. Smith, P.G.
Project Manager
Direct Dial (713) 366-5143

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Houston, TX 77046
Facsimile (972) 687-7524

January 18, 2016

Mr. Mike Negrelli
Emergency and Remedial Response Division
United States Environmental Protection Agency - Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

Dear Mr. Negrelli:

Re: Quarterly Report – Fourth Quarter 2015 (October through December)
Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site
Index Nos. II-CERCLA-80216, II-CERCLA-94-0210, and II-CERCLA-02-2001-2018

This submittal provides the Quarterly Progress Report covering October through December 2015 for the Hooker/Ruco Site in Hicksville, New York. This Report covers OU-1, OU-2, and OU-3. Please note that the next Quarterly Progress Report will be submitted by April 15, 2016 and will cover January through March 2016. A listing of the primary activities is provided in Table 1.

## Quarterly Progress Report

The following activities were performed during the period October through December 2015:

- The Quarterly Progress Report for the time period July through September 2015 was submitted to the USEPA on October 7, 2015.

### *Operable Unit 1 (On-Site Soil)*

All work has been successfully completed. OU-1 is closed.

### *Operable Unit 2 (Soils Impacted by On-Site Release of PCBs)*

All work has been successfully completed. OU-2 is closed.

| Sample Location: | | MW-61D2 | MW-62D | MW-62I | MW-63D1 | MW-63D2 | MW-63I |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW037 | GW111615VW053 | GW111615VW052 | GW102015VW001 | GW102015VW002 | GW11915VW051 |
| Sample Date: | | 10/22/2015 | 11/16/2015 | 11/16/2015 | 10/20/2015 | 10/20/2015 | 11/09/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 1.0 J | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 3.8 J | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.9 | 43 | 46 | 5.0 U | 5.0 U | 4.6 J |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 2.5 J | 5.0 U | 5.0 U | 5.0 U |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 1.1 J | 1.2 J | 7.1 | 5.0 U | 5.0 U | 5.0 U |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 11 | 2.5 J | 14 | 2.3 J | 2.4 J | 2.3 J |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-61D2 | MW-62D | MW-62I | MW-63D1 | MW-63D2 | MW-63I |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW037 | GW111615VW053 | GW111615VW052 | GW102015VW001 | GW102015VW002 | GW11915VW051 |
| Sample Date: | | 10/22/2015 | 11/16/2015 | 11/16/2015 | 10/20/2015 | 10/20/2015 | 11/09/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 18 | 2.0 J | 3.4 J | 3.7 J | 3.6 J | 2.1 J |
| Vinyl chloride | µg/L | 2.0 U | 2.3 | 8.9 | 2.0 U | 2.0 U | 0.97 J |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 3.10 | 0.100 U | - | 0.100 U | 0.100 U | 0.100 U |
| Nitrate (as N) | mg/L | 4.93 | 0.500 U | - | 0.613 | 1.00 U | 0.492 J |
| Nitrite (as N) | mg/L | 2.00 U | 0.500 U | - | 0.500 U | 1.00 U | 0.500 U |
| Phosphorus | mg/L | 0.04 | 0.08 | - | 0.02 U | 0.33 | 0.35 |
| Total organic carbon (TOC) | mg/L | 1.0 U | 1.9 | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| Sample Location: | | MW-63S | MW-66D2 | MW-67D | MW-67S | MW-68D | MW-68S |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW11915VW050 | GW102115VW010 | GW102115VW011 | GW102115VW012 | GW102115VW014 | GW102115VW013 |
| Sample Date: | | 11/09/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 1.4 J | 5.0 U | 5.0 U | 1.6 J | 1.5 J |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 4.0 J |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 4.1 J | 5.4 | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 9.3 |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.8 | 5.0 U | 13 |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 3.3 J | 5.8 | 5.0 U | 1.7 J | 1.7 J | 65 |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-63S | MW-66D2 | MW-67D | MW-67S | MW-68D | MW-68S |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW11915VW050 | GW102115VW010 | GW102115VW011 | GW102115VW012 | GW102115VW014 | GW102115VW013 |
| Sample Date: | | 11/09/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 2.5 J | 10 | 2.1 J | 2.5 J | 5.9 | 110 |
| Vinyl chloride | µg/L | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 260 |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 0.152 | - | - | 0.237 | - | 1.21 |
| Nitrate (as N) | mg/L | 0.832 | - | - | 2.00 U | - | 1.00 U |
| Nitrite (as N) | mg/L | 0.500 U | - | - | 2.00 U | - | 1.00 U |
| Phosphorus | mg/L | 0.09 | - | - | 0.09 | - | 0.03 |
| Total organic carbon (TOC) | mg/L | 1.0 U | - | - | 1.0 U | - | 1.0 U |

| Sample Location: | | MW-70D1 | MW-70D2 | MW-72D1 | MW-72D2 | MW-73D1 | MW-73D2 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW031 | GW102215VW032 | GW102215VW029 | GW102215VW030 | GW102615VW046 | GW102615VW047 |
| Sample Date: | | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/26/2015 | 10/26/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.0 U | 5.0 U | 5.0 U | 21 | 53 | 56 |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 95 | 5.0 U | 1.5 J |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 3.5 J | 5.0 U | 5.0 U | 190 | 2.5 J | 9.2 |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 2.4 J | 5.0 U | 5.0 U |

| Sample Location: | | MW-70D1 | MW-70D2 | MW-72D1 | MW-72D2 | MW-73D1 | MW-73D2 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW031 | GW102215VW032 | GW102215VW029 | GW102215VW030 | GW102615VW046 | GW102615VW047 |
| Sample Date: | | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/26/2015 | 10/26/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 1.6 J | 5.0 U | 5.0 U | 29 | 5.0 U | 4.0 J |
| Vinyl chloride | µg/L | 8.8 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 0.184 | 0.693 | 0.100 U | 0.677 | 0.106 | 0.859 |
| Nitrate (as N) | mg/L | 1.00 U | 2.00 U | 2.00 U | 2.00 U | 1.34 | 2.00 U |
| Nitrite (as N) | mg/L | 1.00 U | 2.00 U | 2.00 U | 2.00 U | 1.00 U | 2.00 U |
| Phosphorus | mg/L | 0.05 U | 0.09 | 0.08 | 0.05 U | 0.09 | 0.05 U |
| Total organic carbon (TOC) | mg/L | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| Sample Location: | | MW-75D1 | MW-75D2 | MW-76D1 | MW-76D2 | MW-76I | MW-76S |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW027 | GW102215VW028 | GW102215VW035 | GW102215VW036 | GW102215VW034 | GW102215VW033 |
| Sample Date: | | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 3.1 J | 5.0 U | 3.1 J | 5.0 U | 5.0 U |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 0.73 J | 9.2 | 5.0 U | 2.0 J | 5.0 U | 26 |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 5.0 U | 8.3 | 4.1 J | 3.6 J | 1.5 J | 1.4 J |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-75D1 | MW-75D2 | MW-76D1 | MW-76D2 | MW-76I | MW-76S |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW027 | GW102215VW028 | GW102215VW035 | GW102215VW036 | GW102215VW034 | GW102215VW033 |
| Sample Date: | | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 | 10/22/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 5.0 U | 8.6 | 1.3 J | 1.0 J | 1.2 J | 5.0 U |
| Vinyl chloride | µg/L | 2.0 U | 87 | 3.9 | 2.0 U | 2.0 U | 2.0 U |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 0.175 | 0.422 | 0.186 | 0.601 | 0.250 | 0.284 |
| Nitrate (as N) | mg/L | 2.00 U | 2.00 U | 2.00 U | 2.00 U | 2.00 U | 2.00 U |
| Nitrite (as N) | mg/L | 2.00 U | 2.00 U | 2.00 U | 2.00 U | 2.00 U | 2.00 U |
| Phosphorus | mg/L | 0.1 U | 0.02 U | 0.05 U | 0.04 | 0.05 U | 0.05 U |
| Total organic carbon (TOC) | mg/L | 2.6 | 1.4 | 1.5 | 1.0 U | 1.2 | 2.7 |

| Sample Location: | | MW-77D2 | MW-81D1 | MW-81D2 | MW-82D1 | MW-82D2 | MW-83D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102315VW045 | GW102115VW021 | GW102115VW022 | GW102115VW016 | GW102115VW015 | GW102215VW023 |
| Sample Date: | | 10/23/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/22/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 0.83 J | 5.0 U | 5.0 U | 6.7 | 1.0 J | 0.73 J |
| 1,1-Dichloroethene | µg/L | 0.82 J | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 53 | 5.0 U | 5.0 U | 11 | 5.0 U | 5.0 U |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 15 | 5.0 U | 2.4 J | 5.0 U | 8.5 |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 2.9 J | 14 | 30 | 2.3 J | 5.0 U | 14 |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 57 | 82 | 120 | 26 | 6.0 | 48 |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-77D2 | MW-81D1 | MW-81D2 | MW-82D1 | MW-82D2 | MW-83D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102315VW045 | GW102115VW021 | GW102115VW022 | GW102115VW016 | GW102115VW015 | GW102215VW023 |
| Sample Date: | | 10/23/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/21/2015 | 10/22/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 21 | 120 | 130 | 21 | 5.3 | 140 |
| Vinyl chloride | µg/L | 0.74 J | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 1.5 J |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 1.47 | 0.100 U | 1.33 | 0.121 | 3.10 | 0.156 |
| Nitrate (as N) | mg/L | 2.00 U | 1.02 | 0.500 U | 1.00 U | 1.00 U | 1.12 |
| Nitrite (as N) | mg/L | 2.00 U | 0.500 U | 0.500 U | 1.00 U | 1.00 U | 1.00 U |
| Phosphorus | mg/L | 0.05 U | 0.03 | 0.07 | 0.06 | 0.50 | 0.05 |
| Total organic carbon (TOC) | mg/L | 1.0 U | 1.0 U | 1.0 | 1.0 U | 1.0 U | 1.0 U |

| Sample Location: | | MW-83D2 | MW-84D1 | MW-84D2 | MW-85D1 | MW-85D2 | MW-85I |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW024 | GW102115VW020 | GW102115VW019 | GW102015VW007 | GW102015VW008 | GW102015VW006 |
| Sample Date: | | 10/22/2015 | 10/21/2015 | 10/21/2015 | 10/20/2015 | 10/20/2015 | 10/20/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 4.5 J | 2.2 J | 3.8 J | 1.6 J | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 1.3 J | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 22 | 2.4 J | 4.8 J | 3.9 J | 5.0 U | 5.0 U |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 53 | 50 | 20 | 3.3 J | 1.0 J | 2.2 J |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-83D2 | MW-84D1 | MW-84D2 | MW-85D1 | MW-85D2 | MW-85I |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102215VW024 | GW102115VW020 | GW102115VW019 | GW102015VW007 | GW102015VW008 | GW102015VW006 |
| Sample Date: | | 10/22/2015 | 10/21/2015 | 10/21/2015 | 10/20/2015 | 10/20/2015 | 10/20/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 120 | 23 | 78 | 9.7 | 4.3 J | 5.0 U |
| Vinyl chloride | µg/L | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | - | 0.162 | 0.601 | 0.100 U | 0.849 | 0.153 |
| Nitrate (as N) | mg/L | - | 4.26 | 1.58 J | 2.00 U | 2.00 U | 2.00 U |
| Nitrite (as N) | mg/L | - | 1.00 U | 2.00 U | 2.00 U | 2.00 U | 2.00 U |
| Phosphorus | mg/L | - | 0.09 | 0.10 | 0.94 | 0.22 | 0.04 |
| Total organic carbon (TOC) | mg/L | - | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| Sample Location: | | MW-85S | MW-86D1 | MW-86D2 | MW-87D1 | MW-87D2 | MW-88D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102015VW005 | GW102615VW048 | GW102615VW049 | GW102215VW025 | GW102215VW026 | GW102115VW018 |
| Sample Date: | | 10/20/2015 | 10/26/2015 | 10/26/2015 | 10/22/2015 | 10/22/2015 | 10/21/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 0.72 J | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.0 U | 8.5 | 5.0 U | 7.7 | 5.0 U | 5.0 U |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 11 |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 14 | 3.2 J | 24 | 6.3 |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 0.75 J | 3.0 J | 7.4 | 130 | 470 | 16 |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-85S | MW-86D1 | MW-86D2 | MW-87D1 | MW-87D2 | MW-88D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102015VW005 | GW102615VW048 | GW102615VW049 | GW102215VW025 | GW102215VW026 | GW102115VW018 |
| Sample Date: | | 10/20/2015 | 10/26/2015 | 10/26/2015 | 10/22/2015 | 10/22/2015 | 10/21/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 5.0 U | 5.0 U | 83 | 18 | 150 | 23 |
| Vinyl chloride | µg/L | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 0.121 | 0.988 | 1.18 | 0.100 U | 0.106 | 0.137 |
| Nitrate (as N) | mg/L | 2.00 U | 2.00 U | 1.00 U | 1.29 | 0.647 | 1.00 U |
| Nitrite (as N) | mg/L | 2.00 U | 2.00 U | 1.00 U | 0.500 U | 0.500 U | 1.00 U |
| Phosphorus | mg/L | 0.22 | 0.10 | 0.09 | 0.04 | 0.07 | 0.04 |
| Total organic carbon (TOC) | mg/L | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| Sample Location: | | MW-88D2 | MW-89D1 | MW-89D2 | MW-90D1 | MW-90D2 | MW-92D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102115VW017 | GW102015VW003 | GW102015VW004 | GW102315VW043 | GW102315VW044 | GW102315VW039 |
| Sample Date: | | 10/21/2015 | 10/20/2015 | 10/20/2015 | 10/23/2015 | 10/23/2015 | 10/23/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 1.6 J | 2.0 J | 3.1 J | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 2.8 J | 5.0 U | 5.0 U | 24 | 26 | 6.2 |
| Benzene | µg/L | 5.0 U | 1.8 J | 5.0 U | 5.0 U | 5.0 U | 0.61 J |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.4 | 5.0 U | 2.5 J | 5.0 U | 1.4 J |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 5.0 U | 39 | 14 | 5.7 | 2.7 J | 5.6 |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 15 | 12 | 5.7 | 23 | 74 | 3.9 J |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |

| Sample Location: | | MW-88D2 | MW-89D1 | MW-89D2 | MW-90D1 | MW-90D2 | MW-92D1 |
|---|---|---|---|---|---|---|---|
| Sample ID: | | GW102115VW017 | GW102015VW003 | GW102015VW004 | GW102315VW043 | GW102315VW044 | GW102315VW039 |
| Sample Date: | | 10/21/2015 | 10/20/2015 | 10/20/2015 | 10/23/2015 | 10/23/2015 | 10/23/2015 |
| **Parameters** | **Units** | | | | | | |
| **Volatile Organic Compounds (Continued)** | | | | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 9.7 | 8.2 | 9.4 | 9.5 | 23 | 6.2 |
| Vinyl chloride | µg/L | 2.0 U | 4.3 | 2.0 U | 1.9 J | 2.0 U | 42 |
| Xylenes (total) | µg/L | 5.0 U | 1.2 J | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | | | | |
| Ammonia-N | mg/L | 2.24 | 0.187 | 0.226 | - | - | 0.447 |
| Nitrate (as N) | mg/L | 2.00 U | 2.00 U | 2.00 U | - | - | 1.00 U |
| Nitrite (as N) | mg/L | 2.00 U | 2.00 U | 2.00 U | - | - | 1.00 U |
| Phosphorus | mg/L | 0.07 | 0.03 | 0.21 | - | - | 0.02 U |
| Total organic carbon (TOC) | mg/L | 1.1 | 10.0 | 5.2 | - | - | 24.2 |

| | Sample Location: | MW-92D2 | MW-93D1 | MW-93D2 |
|---|---|---|---|---|
| | Sample ID: | GW102315VW040 | GW102315VW041 | GW102315VW042 |
| | Sample Date: | 10/23/2015 | 10/23/2015 | 10/23/2015 |
| **Parameters** | **Units** | | | |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2,2-Tetrachloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,1,2-Trichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,1-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 1,2-Dichloropropane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 2-Butanone (Methyl ethyl ketone) (MEK) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 2-Hexanone | µg/L | 5.0 U | 5.0 U | 5.0 U |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Acetone | µg/L | 5.0 U | 5.0 U | 18 |
| Benzene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Bromodichloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Bromoform | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Bromomethane (Methyl bromide) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Carbon disulfide | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Carbon tetrachloride | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Chlorobenzene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Chloroethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Chloroform (Trichloromethane) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Chloromethane (Methyl chloride) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| cis-1,2-Dichloroethene | µg/L | 5.3 | 5.0 U | 5.0 U |
| cis-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Dibromochloromethane | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Ethylbenzene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Methylene chloride | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Styrene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Tetrachloroethene | µg/L | 30 | 8.0 | 5.0 U |
| Toluene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| trans-1,2-Dichloroethene | µg/L | 5.0 U | 5.0 U | 5.0 U |

| | Sample Location: | MW-92D2 | MW-93D1 | MW-93D2 |
|---|---|---|---|---|
| | Sample ID: | GW102315VW040 | GW102315VW041 | GW102315VW042 |
| | Sample Date: | 10/23/2015 | 10/23/2015 | 10/23/2015 |
| **Parameters** | **Units** | | | |
| **Volatile Organic Compounds (Continued)** | | | | |
| trans-1,3-Dichloropropene | µg/L | 5.0 U | 5.0 U | 5.0 U |
| Trichloroethene | µg/L | 5.4 | 1.2 J | 5.0 U |
| Vinyl chloride | µg/L | 2.0 U | 3.8 | 2.0 U |
| Xylenes (total) | µg/L | 5.0 U | 5.0 U | 5.0 U |
| **General Chemistry** | | | | |
| Ammonia-N | mg/L | 1.22 | 0.348 | 0.683 |
| Nitrate (as N) | mg/L | 1.00 U | 1.00 U | 1.69 J |
| Nitrite (as N) | mg/L | 1.00 U | 1.00 U | 2.00 U |
| Phosphorus | mg/L | 0.03 | 0.01 U | 0.02 U |
| Total organic carbon (TOC) | mg/L | 1.0 U | 1.0 U | 1.0 U |

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
- Not analyzed

# 2013 - 2014 OU2 GROUNDWATER INVESTIGATION

## VPB 142
## BETHPAGE, NY

Prepared for:

Department of the Navy
Naval Facilities Engineering Command, Mid-Atlantic
9742 Maryland Ave.
Norfolk, VA 23511-3095

Comprehensive Long-Term Environmental Action Navy
Contract Number N62470-11-D-8013

CTO WE15

Prepared by:

Resolution Consultants
*A Joint Venture of AECOM & EnSafe*
1500 Wells Fargo Building
440 Monticello Avenue
Norfolk, VA 23510

August 2014

**Vertical Profile Boring 142, Analytical Data Table**
**Naval Weapons Industrial Reserve Plant**
**Bethpage - Bethpage, New York**

**Resolution Consultants**

| **Location** | | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 |
|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | NYSDEC Groundwater Guidance or Standard Value (Note 1) | 10/2/2013 | 10/2/2013 | 10/3/2013 | 10/3/2013 | 10/3/2013 | 10/4/2013 | 10/4/2013 | 10/4/2013 |
| **Sample ID** | | VPB142-GW-100213-58-60 | VPB142-GW-100213-98-100 | VPB142-GW-100313-148-150 | VPB142-GW-100313-198-200 | VPB142-GW-100313-218-220 | VPB142-GW-100413-238-240 | VPB142-GW-100413-258-260 | VPB142-GW-100413-278-280 |
| **Sample Interval** | | 58 - 60 ft | 98 - 100 ft | 148 - 150 ft | 198 - 200 ft | 218 - 220 ft | 238 - 240 ft | 258 - 260 ft | 278 - 280 ft |
| **Sample type code** | | N | N | N | N | N | N | N | N |
| **VOC (ug/L)** | | | | | Bethpage - Bethpage, New York | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| 1,1,2-TRICHLOROETHANE | 1 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| 1,1-DICHLOROETHANE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ |
| 1,1-DICHLOROETHENE | 5 | < 0.50 UJ | < 2.0 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 U | < 0.50 U | < 0.50 U |
| 1,2-DICHLOROETHANE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| CARBON TETRACHLORIDE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| CHLOROBENZENE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| CHLOROFORM | 7 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| CIS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| TETRACHLOROETHENE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| TRANS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |
| TRICHLOROETHENE | 5 | < 0.50 U | < 2.0 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U |

**Notes:**

ug/L = micrograms per Liter

**1** New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (TOGS 1.1.1)
Ambient water quality standards and groundwater effluent limitations

Sample Type codes: N - normal environmental sample, FD - field duplicate

VOCs analyzed under method 8260B

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**Bold =** Detected

***Bold and Italics*=** Not detect exceeds NYS Groundwater Standards

Yellow highlighted values exceed Groundwater Standards

**Vertical Profile Boring 142, Analytical Data Table**
**Naval Weapons Industrial Reserve Plant**
**Bethpage - Bethpage, New York**

**Resolution Consultants**

| **Location** | | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 |
|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | NYSDEC Groundwater Guidance or Standard Value (Note 1) | 10/7/2013 | 10/7/2013 | 10/7/2013 | 10/8/2013 | 10/9/2013 | 10/10/2013 | 10/11/2013 | 10/11/2013 |
| **Sample ID** | | VPB142-GW-100713-298-300 | VPB142-GW-100713-318-320 | VPB142-GW-100713-338-340 | VPB142-GW-100813-358-360 | VPB142-GW-100913-448-450 | VPB142-GW-101013-488-490 | VPB142-GW-101113-508-510 | VPB142-GW-101113-518-520 |
| **Sample Interval** | | 298 - 300 ft | 318 - 320 ft | 338 - 340 ft | 358 - 360 ft | 448 - 450 ft | 488 - 490 ft | 508 - 510 ft | 518 - 520 ft |
| **Sample type code** | | N | N | N | N | N | N | N | N |
| **VOC (ug/L)** | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | **1.7** | **3.4** | **0.93 J** | **0.96 J** | **0.56 J** |
| 1,1,2-TRICHLOROETHANE | 1 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| 1,1-DICHLOROETHANE | 5 | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 UJ | < 0.50 U | < 0.50 U |
| 1,1-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| 1,2-DICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| CARBON TETRACHLORIDE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| CHLOROBENZENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| CHLOROFORM | 7 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| CIS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | **0.32 J** | **0.72 J** | **0.51 J** | **0.24 J** | < 0.50 U |
| TETRACHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | **2.0** | **0.60 J** | **1.3 J** | **3.2** | **2.5** |
| TRANS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 U | < 0.50 UJ | < 0.50 U | < 0.50 U |
| TRICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | **0.33 J** | **24** | **40** | **68 J** | **79** | **47** |

**Notes:**

ug/L = micrograms per Liter

**1** New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (TOGS 1.1.1)

Ambient water quality standards and groundwater effluent limitations

Sample Type codes: N - normal environmental sample, FD - field duplicate

VOCs analyzed under method 8260B

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**Bold =** Detected

***Bold and Italics*=** Not detect exceeds NYS Groundwater Standards

Yellow highlighted values exceed Groundwater Standards

**Vertical Profile Boring 142, Analytical Data Table**
**Naval Weapons Industrial Reserve Plant**
**Bethpage - Bethpage, New York**

**Resolution Consultants**

| **Location** | | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 |
|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | NYSDEC Groundwater Guidance or Standard Value (Note 1) | 10/11/2013 | 10/14/2013 | 10/14/2013 | 10/15/2013 | 10/16/2013 | 10/16/2013 | 10/17/2013 | 10/17/2013 |
| **Sample ID** | | VPB142-GW-101113-538-540 | VPB142-GW-101413-565-567 | VPB142-GW-101413-578-580 | VPB142-GW-101513-618-620 | VPB142-GW-101613-628-630 | VPB142-GW-101613-643-645 | VPB142-GW-101713-658-660 | VPB142-GW-101713-668-670 |
| **Sample Interval** | | 538 - 540 ft | 565 - 567 ft | 578 - 580 ft | 618 - 620 ft | 628 - 630 ft | 643 - 645 ft | 658 - 660 ft | 668 - 670 ft |
| **Sample type code** | | N | N | N | N | N | N | N | N |
| **VOC (ug/L)** | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | **0.23 J** | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **0.52 J** | < 1.0 U | ***< 50 U*** |
| 1,1,2,2-TETRACHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | < 0.50 U | < 1.0 U | ***< 50 U*** |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5 | **5.2** | **0.93 J** | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **0.88 J** | < 1.0 U | ***< 50 U*** |
| 1,1,2-TRICHLOROETHANE | 1 | < 0.50 U | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **0.58 J** | < 1.0 U | ***< 50 U*** |
| 1,1-DICHLOROETHANE | 5 | **0.46 J** | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **2.6 J** | < 1.0 U | ***< 50 U*** |
| 1,1-DICHLOROETHENE | 5 | **1.2** | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **2.2 J** | < 1.0 U | ***< 50 U*** |
| 1,2-DICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | < 0.50 U | < 1.0 U | ***< 50 U*** |
| CARBON TETRACHLORIDE | 5 | **0.63 J** | **0.22 J** | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **0.78 J** | < 1.0 U | ***< 50 U*** |
| CHLOROBENZENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | < 0.50 U | < 1.0 U | ***< 50 U*** |
| CHLOROFORM | 7 | **0.54 J** | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **1.4 J** | < 1.0 U | ***< 50 U*** |
| CIS-1,2-DICHLOROETHENE | 5 | **1.5** | **0.40 J** | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **4.2 J** | < 1.0 U | ***< 50 U*** |
| TETRACHLOROETHENE | 5 | **2.5** | **3.1** | < 0.50 U | < 4.0 UJ | ***< 20 U*** | **0.59 J** | < 1.0 U | ***< 50 U*** |
| TRANS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 4.0 UJ | ***< 20 U*** | < 0.50 U | < 1.0 U | ***< 50 U*** |
| TRICHLOROETHENE | 5 | **420 J** | **85** | **0.80 J** | **280 J** | **43 J** | **740 J** | **32 J** | ***< 50 U*** |

**Notes:**

ug/L = micrograms per Liter

**1** New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (TOGS 1.1.1)
Ambient water quality standards and groundwater effluent limitations

Sample Type codes: N - normal environmental sample, FD - field duplicate

VOCs analyzed under method 8260B

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**Bold =** Detected

***Bold and Italics=*** Not detect exceeds NYS Groundwater Standards

Yellow highlighted values exceed Groundwater Standards

**Vertical Profile Boring 142, Analytical Data Table**
**Naval Weapons Industrial Reserve Plant**
**Bethpage - Bethpage, New York**



| **Location** | | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 | VPB142 |
|---|---|---|---|---|---|---|---|
| **Sample Date** | NYSDEC Groundwater Guidance or Standard Value (Note 1) | 10/21/2013 | 10/22/2013 | 10/23/2013 | 10/23/2013 | 10/24/2013 | 10/7/2013 |
| **Sample ID** | | VPB142-GW-102113-738-740 | VPB142-GW-102213-763-765 | VPB142-GW-102313-818-820 | VPB142-GW-102313-838-840 | VPB142-GW-102413-858-860 | VPB142-GW-D-100713 |
| **Sample Interval** | | 738 - 740 ft | 763 - 765 ft | 818 - 820 ft | 838 - 840 ft | 858 - 860 ft | 318 - 320 ft |
| **Sample type code** | | N | N | N | N | N | FD |
| **VOC (ug/L)** | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| 1,1,2-TRICHLOROETHANE | 1 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| 1,1-DICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 UJ |
| 1,1-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| 1,2-DICHLOROETHANE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| CARBON TETRACHLORIDE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| CHLOROBENZENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| CHLOROFORM | 7 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| CIS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| TETRACHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| TRANS-1,2-DICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |
| TRICHLOROETHENE | 5 | < 0.50 U | < 0.50 U | < 0.50 U | < 1.0 U | ***< 20 U*** | < 0.50 U |

**Notes:**

ug/L = micrograms per Liter

**1** New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (TOGS 1.1.1)
Ambient water quality standards and groundwater effluent limitations

Sample Type codes: N - normal environmental sample, FD - field duplicate

VOCs analyzed under method 8260B

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**Bold =** Detected

***Bold and Italics=*** Not detect exceeds NYS Groundwater Standards

Yellow highlighted values exceed Groundwater Standards

Resolution Consultants
VPB-161 Analytical Results (April-June 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB161-GW-042716-58-60 04/27/2016 Groundwater | VPB161-GWD-042716 04/27/2016 Field Duplicate | VPB161-GW-042816-98-100 04/28/2016 Groundwater | VPB161-GW-050216-158-160 05/02/2016 Groundwater | VPB161-GW-050316-198-200 05/03/2016 Groundwater | VPB161-GW-050316-218-220 05/03/2016 Groundwater | VPB161-GW-050316-238-240 05/03/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.9 J | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 7.3 | 1.7 |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.8 | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 0.55 J | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 14 J | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.49 J | 0.47 J | 0.5 U | 0.5 U | 0.5 U | 0.82 J | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.55 J | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 3.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 6.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.76 J | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.49 J | 0.64 J | 1.5 | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

| Analyte | Units | VPB161-GW-050416-258-260 05/04/2016 Groundwater | VPB161-GW-050416-278-280 05/04/2016 Groundwater | VPB161-GW-050416-298-300 05/04/2016 Groundwater | VPB161-GW-050516-318-320 05/05/2016 Groundwater | VPB161-GW-050516-338-340 05/05/2016 Groundwater | VPB161-GW-050616-358-360 05/06/2016 Groundwater | VPB161-GW-050916-378-380 05/09/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.5 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| 2-BUTANONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 5 U |
| 2-HEXANONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 5 U |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| CARBON DISULFIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 2 U |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 1.5 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 3 U |

| Analyte | Units | VPB161-GW-050916-398-400 05/09/2016 Groundwater | VPB161-GW-051016-418-420 05/10/2016 Groundwater | VPB161-GW-051016-438-440 05/10/2016 Groundwater | VPB161-GW-051016-458-460 05/10/2016 Groundwater | VPB161-GWD-051016 05/10/2016 Field Duplicate | VPB161-GW-051116-478-480 05/11/2016 Groundwater | VPB161-GW-051116-498-500 05/11/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| ACETONE | UG_L | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

| Analyte | Units | VPB161-GW-051216-518-520 05/12/2016 Groundwater | VPB161-GW-051216-538-540 05/12/2016 Groundwater | VPB161-GW-051216-558-560 05/12/2016 Groundwater | VPB161-GW-051316-578-580 05/13/2016 Groundwater | VPB161-GW-051616-603-605 05/16/2016 Groundwater | VPB161-GW-051616-623-625 05/16/2016 Groundwater | VPB161-GW-051716-638-640 05/17/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 1.7 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 5.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 5.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 5.7 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| ACETONE | UG_L | 5.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| BENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 1.1 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.75 J |
| CARBON TETRACHLORIDE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 2.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 2.3 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| ETHYLBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 1.7 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 5.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 1.1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 2.3 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 3.4 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

Resolution Consultants
VPB-161 Analytical Results (April-June 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB161-GW-051716-658-660 05/17/2016 Groundwater | VPB161-GW-051816-683-685 05/18/2016 Groundwater | VPB161-GW-051816-698-700 05/18/2016 Groundwater | VPB161-GW-051916-718-720 05/19/2016 Groundwater | VPB161-GW-052016-738-740 05/20/2016 Groundwater | VPB161-GW-052016-758-760 05/20/2016 Groundwater | VPB161-GW-052316-778-780 05/23/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 2.3 U | 1.1 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 7.6 U | 3.6 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 7.6 U | 3.6 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 7.6 UJ | 3.6 UJ | 2.5 UJ |
| ACETONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 17 J | 14 J | 9.5 J |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 UJ | 0.55 J | 0.5 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 UJ | 1.4 UJ | 1 UJ |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 UJ | 1.4 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 2.3 U | 1.1 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 7.6 U | 3.6 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.5 U | 0.72 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 3 U | 1.4 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 4.6 U | 2.2 U | 1.5 U |

| Analyte | Units | VPB161-GW-052316-798-800 05/23/2016 Groundwater | VPB161-GW-052416-818-820 05/24/2016 Groundwater | VPB161-GW-052416-838-840 05/24/2016 Groundwater | VPB161-GW-052516-858-860 05/25/2016 Groundwater | VPB161-GW-052516-878-880 05/25/2016 Groundwater | VPB161-GW-052616-898-900 05/26/2016 Groundwater | VPB161-GW-052716-923-925 05/27/2016 Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 UJ | 1.3 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 2 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 UJ | 6.7 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 6.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 UJ | 2.5 UJ | 6.7 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| ACETONE | UG_L | 8 J | 2.5 UJ | 6.7 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 0.5 UJ | 1.3 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 UJ | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 2.7 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 2 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 6.7 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 1.3 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 2.7 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 4 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

| Analyte | Units | VPB161-GW-053116-938-940<br>05/31/2016<br>Groundwater | VPB161-GW-053116-958-960<br>05/31/2016<br>Groundwater | VPB161-GW-060116-978-980<br>06/01/2016<br>Groundwater |
|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,1-DICHLOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,1-DICHLOROETHENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 UJ | 30 UJ | 15 UJ |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,2-DICHLOROETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 UJ | 40 UJ | 20 UJ |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| 2-BUTANONE | UG_L | 1.4 J | 100 UJ | 50 UJ |
| 2-HEXANONE | UG_L | 2.5 UJ | 100 UJ | 50 UJ |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 UJ | 100 UJ | 50 UJ |
| ACETONE | UG_L | 2.5 UJ | 100 UJ | 50 UJ |
| BENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| BROMODICHLOROMETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| BROMOFORM | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| BROMOMETHANE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CHLOROBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CHLOROETHANE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| CHLOROFORM | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CHLOROMETHANE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| CYCLOHEXANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| ETHYLBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| ISOPROPYLBENZENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| M- AND P-XYLENE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| METHYL ACETATE | UG_L | 0.75 UJ | 30 UJ | 15 UJ |
| METHYL CYCLOHEXANE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| METHYLENE CHLORIDE | UG_L | 2.5 UJ | 100 UJ | 50 UJ |
| O-XYLENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| STYRENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TETRACHLOROETHENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TOLUENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TRICHLOROETHENE | UG_L | 0.5 UJ | 20 UJ | 10 UJ |
| TRICHLOROFLUOROMETHANE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| VINYL CHLORIDE | UG_L | 1 UJ | 40 UJ | 20 UJ |
| XYLENES, TOTAL | UG_L | 1.5 UJ | 60 UJ | 30 UJ |

Resolution Consultants
VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-062916-58-60<br>06/29/2016<br>Groundwater | VPB162<br>VPB162-GW-062916-98-100<br>06/29/2016<br>Groundwater | VPB162<br>VPB162-GW-070116-148-150<br>07/01/2016<br>Groundwater | VPB162<br>VPB162-GW-070116-198-200<br>07/01/2016<br>Groundwater | VPB162<br>VPB162-GW-070516-218-220<br>07/05/2016<br>Groundwater | VPB162<br>VPB162-GW-070516-238-240<br>07/05/2016<br>Groundwater | VPB162<br>VPB162-GW-070516-258-260<br>07/05/2016<br>Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.88 J |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.65 J | 1.8 | 2.3 | 5.2 |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.86 J | 1 | 2.8 |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 UJ | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 0.33 J | 0.45 J | 0.58 J |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 3.6 J | 3.9 J | 6.2 J |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.37 J | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.44 J | 0.41 J | 0.71 J |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.33 J | 0.45 J | 0.58 J |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 | 1.3 | 1.2 |
| TOLUENE | UG_L | 0.5 U | 0.44 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.45 J | 1.9 | 16 | 12 | 31 |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

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VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-070616-278-280<br>07/06/2016<br>Groundwater | VPB162<br>VPB162-GW-070616-298-300<br>07/06/2016<br>Groundwater | VPB162<br>VPB162-GW-070616-318-320<br>07/06/2016<br>Groundwater | VPB162<br>VPB162-GWD-070616<br>07/06/2016<br>Field Duplicate | VPB162<br>VPB162-GW-070716-343-345<br>07/07/2016<br>Groundwater | VPB162<br>VPB162-GW-070716-358-360<br>07/07/2016<br>Groundwater | VPB162<br>VPB162-GW-070816-378-380<br>07/08/2016<br>Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 1.1 | 0.5 U | 0.5 U | 1.7 | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 1.3 | 0.5 U | 0.5 U | 1.6 | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 6.5 | 0.5 U | 0.5 U | 7.4 | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 2.7 | 0.5 U | 0.5 U | 2.9 | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 0.62 J | 1 U | 1 U | 0.6 J | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.25 J |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.74 J | 0.5 U | 0.5 U | 0.88 J | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.62 J | 0.5 U | 0.5 U | 0.6 J | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 0.4 J | 1 UJ | 1 UJ | 0.44 J | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 15 | 0.5 U | 0.5 U | 15 | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| VINYL CHLORIDE | UG_L | 0.35 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

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VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-070816-398-400<br>07/08/2016<br>Groundwater | VPB162<br>VPB162-GW-070816-418-420<br>07/08/2016<br>Groundwater | VPB162<br>VPB162-GW-071116-438-440<br>07/11/2016<br>Groundwater | VPB162<br>VPB162-GW-071116-458-460<br>07/11/2016<br>Groundwater | VPB162<br>VPB162-GW-071116-478-480<br>07/11/2016<br>Groundwater | VPB162<br>VPB162-GW-071216-498-500<br>07/12/2016<br>Groundwater | VPB162<br>VPB162-GW-071216-518-520<br>07/12/2016<br>Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.33 J | 2 J | 0.31 J | 0.5 U | 0.5 U | 0.35 J | 0.4 J |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

Resolution Consultants
VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-071216-538-540<br>07/12/2016<br>Groundwater | VPB162<br>VPB162-GW-071316-558-560<br>07/13/2016<br>Groundwater | VPB162<br>VPB162-GW-071316-583-585<br>07/13/2016<br>Groundwater | VPB162<br>VPB162-GW-071416-598-600<br>07/13/2016<br>Groundwater | VPB162<br>VPB162-GW-071416-618-620<br>07/13/2016<br>Groundwater | VPB162<br>VPB162-GW-071416-638-640<br>07/13/2016<br>Groundwater | VPB162<br>VPB162-GWD-071316<br>07/13/2016<br>Field Duplicate |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 UJ | 0.5 UJ |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.74 J | 1.6 J | 0.44 J | 0.58 J | 0.4 J | 0.5 UJ | 1.3 J |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

Resolution Consultants
VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-071516-658-660<br>07/15/2016<br>Groundwater | VPB162<br>VPB162-GW-071516-678-680<br>07/15/2016<br>Groundwater | VPB162<br>VPB162-GW-071516-698-700<br>07/15/2016<br>Groundwater | VPB162<br>VPB162-GW-071816-718-720<br>07/18/2016<br>Groundwater | VPB162<br>VPB162-GW-071916-748-750<br>07/19/2016<br>Groundwater | VPB162<br>VPB162-GW-071916-763-765<br>07/19/2016<br>Groundwater | VPB162<br>VPB162-GW-072016-783-785<br>07/20/2016<br>Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U |
| 2-HEXANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 U | 1 U | 0.54 J | 1 U | 1 UJ | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.3 J | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.56 J | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| ETHYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 UJ | 0.75 U | 0.75 U |
| METHYL CYCLOHEXANE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 UJ | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 U | 0.5 U | 4.6 | 1.8 | 2.7 J | 2.1 | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 UJ | 1.5 U | 1.5 U |

Resolution Consultants
VPB-162 Analytical Results (June-July 2016)
DATA NOT YET PUBLISHED


| Analyte | Units | VPB162<br>VPB162-GW-072016-798-800<br>07/20/2016<br>Groundwater | VPB162<br>VPB162-GW-072116-818-820<br>07/21/2016<br>Groundwater | VPB162<br>VPB162-GW-072116-838-840<br>07/21/2016<br>Groundwater | VPB162<br>VPB162-GW-072116-858-860<br>07/21/2016<br>Groundwater | VPB162<br>VPB162-GW-072216-878-880<br>07/22/2016<br>Groundwater | VPB162<br>VPB162-GW-072216-898-900<br>07/22/2016<br>Groundwater | VPB162<br>VPB162-GW-072516-918-920<br>07/25/2016<br>Groundwater |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 U | 0.75 U | 0.75 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-BUTANONE | UG_L | 2.5 UJ | 7.4 J | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 2-HEXANONE | UG_L | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| ACETONE | UG_L | 2.5 UJ | 10 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ | 2.5 UJ |
| BENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOFORM | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| BROMOMETHANE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 2 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.5 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROETHANE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CHLOROMETHANE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| M- AND P-XYLENE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL ACETATE | UG_L | 0.75 UJ | 3 UJ | 0.75 U | 0.75 U | 0.75 UJ | 0.75 UJ | 0.75 UJ |
| METHYL CYCLOHEXANE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 UJ | 10 UJ | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| O-XYLENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| STYRENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TETRACHLOROETHENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TOLUENE | UG_L | 0.5 UJ | 2 UJ | 0.58 J | 0.37 J | 2.4 | 1.6 | 0.5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROETHENE | UG_L | 0.5 UJ | 2 UJ | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | UG_L | 1 UJ | 4 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| XYLENES, TOTAL | UG_L | 1.5 UJ | 6 UJ | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

| Analyte | Units | VPB162<br>VPB162-GW-072516-938-940<br>07/25/2016<br>Groundwater | VPB162<br>VPB162-GW-072616-958-960<br>07/26/2016<br>Groundwater |
|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,1,2,2-TETRACHLOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,1,2-TRICHLOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,1-DICHLOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,1-DICHLOROETHENE | UG_L | 0.5 UJ | 5 U |
| 1,2,4-TRICHLOROBENZENE | UG_L | 0.5 UJ | 5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | UG_L | 0.75 UJ | 7.5 U |
| 1,2-DIBROMOETHANE | UG_L | 0.5 UJ | 5 U |
| 1,2-DICHLOROBENZENE | UG_L | 0.5 UJ | 5 U |
| 1,2-DICHLOROETHANE | UG_L | 0.5 UJ | 5 U |
| 1,2-DICHLOROETHENE, TOTAL | UG_L | 1 UJ | 10 U |
| 1,2-DICHLOROPROPANE | UG_L | 0.5 UJ | 5 U |
| 1,3-DICHLOROBENZENE | UG_L | 0.5 UJ | 5 U |
| 1,4-DICHLOROBENZENE | UG_L | 0.5 UJ | 5 U |
| 2-BUTANONE | UG_L | 2.5 UJ | 25 UJ |
| 2-HEXANONE | UG_L | 2.5 UJ | 25 UJ |
| 4-METHYL-2-PENTANONE | UG_L | 2.5 UJ | 25 U |
| ACETONE | UG_L | 2.5 UJ | 25 UJ |
| BENZENE | UG_L | 0.5 UJ | 5 U |
| BROMODICHLOROMETHANE | UG_L | 0.5 UJ | 5 U |
| BROMOFORM | UG_L | 0.5 UJ | 5 U |
| BROMOMETHANE | UG_L | 1 UJ | 10 U |
| CARBON DISULFIDE | UG_L | 0.5 UJ | 5 UJ |
| CARBON TETRACHLORIDE | UG_L | 0.5 UJ | 5 U |
| CHLOROBENZENE | UG_L | 0.5 UJ | 5 U |
| CHLOROETHANE | UG_L | 1 UJ | 10 U |
| CHLOROFORM | UG_L | 0.5 UJ | 5 U |
| CHLOROMETHANE | UG_L | 1 UJ | 10 U |
| CIS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 5 U |
| CIS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 5 U |
| CYCLOHEXANE | UG_L | 0.5 UJ | 5 U |
| DIBROMOCHLOROMETHANE | UG_L | 0.5 UJ | 5 U |
| DICHLORODIFLUOROMETHANE | UG_L | 1 UJ | 10 U |
| ETHYLBENZENE | UG_L | 0.5 UJ | 5 U |
| ISOPROPYLBENZENE | UG_L | 0.5 UJ | 5 U |
| M- AND P-XYLENE | UG_L | 1 UJ | 10 U |
| METHYL ACETATE | UG_L | 0.75 UJ | 7.5 UJ |
| METHYL CYCLOHEXANE | UG_L | 0.5 UJ | 5 U |
| METHYL TERT-BUTYL ETHER | UG_L | 0.5 UJ | 5 U |
| METHYLENE CHLORIDE | UG_L | 2.5 UJ | 25 U |
| O-XYLENE | UG_L | 0.5 UJ | 5 U |
| STYRENE | UG_L | 0.5 UJ | 5 U |
| TETRACHLOROETHENE | UG_L | 0.5 UJ | 5 U |
| TOLUENE | UG_L | 0.5 UJ | 5 U |
| TRANS-1,2-DICHLOROETHENE | UG_L | 0.5 UJ | 5 U |
| TRANS-1,3-DICHLOROPROPENE | UG_L | 0.5 UJ | 5 U |
| TRICHLOROETHENE | UG_L | 0.5 UJ | 5 U |
| TRICHLOROFLUOROMETHANE | UG_L | 1 UJ | 10 U |
| VINYL CHLORIDE | UG_L | 1 UJ | 10 U |
| XYLENES, TOTAL | UG_L | 1.5 UJ | 15 U |

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | DUP01-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Field Duplicate | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 3 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 0.77 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bf |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.77 | J | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 2.3 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 85 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 9.5 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | DUP02-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Field Duplicate | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 5.1 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | FB-01-WQ-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Field Blank | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bl |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.18 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | FB-02-WQ-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Field Blank | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.19 | U | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE103D1-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.42 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 13 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.49 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.9 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 6.6 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3.4 | | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bf |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.46 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.63 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3.4 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 4.1 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 940 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 17 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE103D2-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 10 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bf |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 780 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 2.5 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE103D3-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 2.5 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.46 | J | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 0.74 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bf |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.59 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.74 | J | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.52 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 500 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.96 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
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RC = Reason codes (See Attachment B)

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Final Results after Data Review
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| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE104D1-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 3 | J | c |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.44 | J | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 0.81 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | UJ | c |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.81 | J | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 0.4 | J | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 2.3 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 84 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 7.1 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

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Final Results after Data Review
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| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE104D2-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | UJ | c |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3.1 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | UJ | c |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.54 | J | s |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3.1 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 10 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.35 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE104D3-GW-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.56 | J | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE105D1-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.33 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 5.8 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 1.1 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1.5 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 1.5 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 0.4 | J | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.43 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 110 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 4.7 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE105D2-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 2 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 2 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 20 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 2 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 1.5 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 7.8 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 2 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 3 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 4.1 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 2 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 2 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 2 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 10 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 10 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 10 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 10 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 2 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 2 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 2 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 4 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 2 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 2.8 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 2 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 4 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 1.9 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 4 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 4.1 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 2 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 2 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 2 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 4 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 2 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 2 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 4 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 3 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 2 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 2 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 10 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 2 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 2 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 2.6 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 2 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 2 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 2 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 1800 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 4 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 4 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 6 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 13 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE108D1-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.64 | J | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.5 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 56 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 8.8 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE108D2-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 2.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 2.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 4.9 | J | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 2.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 4.3 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 5.4 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 2.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 3.8 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 2.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 2.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 2.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 7.3 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 2.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 2.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 2.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 12 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 12 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 12 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 12 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 2.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 2.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 2.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 5 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 2.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 1.3 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 2.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 5 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 2.9 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 5 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 7.3 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 2.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 2.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 2.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 5 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 2.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 2.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 5 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 3.8 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 2.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 2.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 12 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 2.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 2.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 2.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 2.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 2.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 2.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 2900 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 5 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 5 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 7.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 5.3 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE117D1-GW-120916 | | |
| | | Sample Date | | 12/9/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 17 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.19 | U | |

*Notes:*

UG_L = Micrograms per liter
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RC = Reason codes (See Attachment B)

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Final Results after Data Review
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| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE117D2-GW-120916 | | |
| | | Sample Date | | 12/9/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
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RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE120D1-GW-120916 | | |
| | | Sample Date | | 12/9/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 1.1 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 1 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 22 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 1.1 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 2.4 | | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 13 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 1 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 1.5 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3.5 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 1 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 1 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 1 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 1 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 1 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 1 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 2 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 1 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.54 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 1 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 2 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.73 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 2 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3.5 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 1 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 1 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 1 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 2 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 1 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 1 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 2 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 1.5 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 1 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 1 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 1 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 1 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.7 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 1 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 1 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 1 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 1000 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 2 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 2 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 3 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 15 | | |

*Notes:*
UG_L = Micrograms per liter
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RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE120D2-GW-120916 | | |
| | | Sample Date | | 12/9/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.32 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 15 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.48 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.98 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 5.2 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3 | | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.62 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.61 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 0.41 | J | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 3.1 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 670 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 10 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE120D3-GW-120916 | | |
| | | Sample Date | | 12/9/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.8 | J | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 41 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.31 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE122D1-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 3.4 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.35 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.91 | J | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 2 | | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.57 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.48 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 1.7 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.6 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.32 | J | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 520 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 7 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE122D2-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 2 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 2 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 15 | J | m |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 2.5 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 2 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 7.4 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 2 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 3 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 2 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 6.6 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 2 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 2 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 2 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 10 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 10 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 10 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 10 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 2 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 2 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 2 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 4 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 2 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 2.5 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 2 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 4 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 2.3 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 4 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 6.6 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 2 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 2 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 2 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 4 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 2 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 2 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 4 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 3 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 2 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 2 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 10 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 2 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 2 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 3.4 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 2 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 2 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 2 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 5300 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 4 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 4 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 6 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 12 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE122D3-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 5.1 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE123D1-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 7.3 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 5.8 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE123D2-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 1.8 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.66 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE123D3-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE125D1-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 14 | J | s |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 2.4 | J | s |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 2.5 | J | s |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 4.2 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.26 | J | s |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.73 | J | s |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 4.2 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 0.53 | J | c,s |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 6.4 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 180 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 14 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE125D2-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.73 | J | s |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 25 | J | s |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 1 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 1 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 6.7 | J | s |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3.4 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 1 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3.4 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 2 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 3.2 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 240 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 0.41 | J | c,s |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 14 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE125D3-GW-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 36 | J | s |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.84 | J | s |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1.5 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 1.5 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.6 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 150 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 4 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE126D1-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.69 | J | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.79 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 26 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 7.2 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE126D2-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.89 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 1.1 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.44 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 2.2 | | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 1.1 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 2.9 | | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.57 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.62 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 2.9 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 530 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 7 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE126D3-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.6 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 3.3 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 1.3 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE128D1-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.17 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE128D2-GW-120816 | | |
| | | Sample Date | | 12/8/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 0.18 | U | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE131D1-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 5.4 | J | s |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.82 | J | s |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 4.2 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.25 | J | s |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 3.4 | J | s |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 4.2 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.54 | J | s |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 7.5 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 100 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 11 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE131D2-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 250 | J | c,s |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 2.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 4.1 | J | s |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bt |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 2.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 2.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 4.1 | J | s |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 5 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 6 | J | s |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 54 | J | s |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 7.3 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
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| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | RE131D3-GW-120616 | | |
| | | Sample Date | | 12/6/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 130 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.98 | J | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bt |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.5 | | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 6.6 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 2 | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TB01-WQ-120516 | | |
| | | Sample Date | | 12/5/2016 | | |
| | | Sample Type | | Trip Blank | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | bl |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | NA | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TB02-WQ-120716 | | |
| | | Sample Date | | 12/7/2016 | | |
| | | Sample Type | | Trip Blank | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | UJ | c |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | U | |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | UJ | c |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | UJ | c |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | NA | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TB03-WQ-120916 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Trip Blank | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.5 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 0.5 | U | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.5 | U | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 0.5 | U | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | NA | | |

*Notes:*

UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TT101D1-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.6 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 13 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.4 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.88 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 4.9 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1.8 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 1.8 | | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.89 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 1.8 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 1.7 | J | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 190 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 8.2 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TT101D2-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 1 | U | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 1 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 20 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.87 | J | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.8 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 4.6 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 1 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 1.5 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 1 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 1.9 | J | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 1 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 1 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 1 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 1 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 1 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 1 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 2 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 1 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 1.3 | J | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 1 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 2 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.97 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 2 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 1.9 | J | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 1 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 1 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 1 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 2 | UJ | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 1 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 1 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 2 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 1.5 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 1 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 1 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 1 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 1 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 1.4 | J | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 1 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 1 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 1 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 740 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 2 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 2 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 3 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 2.8 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

December 2016
Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

| | | Sample Delivery Group | | BETHPAGE-8 | | |
|---|---|---|---|---|---|---|
| | | Sample ID | | TT101D-GW-121216 | | |
| | | Sample Date | | 12/12/2016 | | |
| | | Sample Type | | Groundwater | | |
| Method | Analyte | CAS No | Units | Result | Qual | RC |
| 8260C | 1,1,1-TRICHLOROETHANE | 71-55-6 | UG_L | 0.28 | J | |
| 8260C | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | UG_L | 0.5 | U | |
| 8260C | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 76-13-1 | UG_L | 12 | | |
| 8260C | 1,1,2-TRICHLOROETHANE | 79-00-5 | UG_L | 0.5 | U | |
| 8260C | 1,1-DICHLOROETHANE | 75-34-3 | UG_L | 0.9 | J | |
| 8260C | 1,1-DICHLOROETHENE | 75-35-4 | UG_L | 3 | | |
| 8260C | 1,2,4-TRICHLOROBENZENE | 120-82-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | UG_L | 0.75 | U | |
| 8260C | 1,2-DIBROMOETHANE | 106-93-4 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROBENZENE | 95-50-1 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHANE | 107-06-2 | UG_L | 0.5 | U | |
| 8260C | 1,2-DICHLOROETHENE, TOTAL | 540-59-0 | UG_L | 3 | | |
| 8260C | 1,2-DICHLOROPROPANE | 78-87-5 | UG_L | 0.5 | U | |
| 8260C | 1,3-DICHLOROBENZENE | 541-73-1 | UG_L | 0.5 | U | |
| 8260C | 1,4-DICHLOROBENZENE | 106-46-7 | UG_L | 0.5 | U | |
| 8260C | 2-BUTANONE | 78-93-3 | UG_L | 2.5 | U | |
| 8260C | 2-HEXANONE | 591-78-6 | UG_L | 2.5 | UJ | c |
| 8260C | 4-METHYL-2-PENTANONE | 108-10-1 | UG_L | 2.5 | U | |
| 8260C | ACETONE | 67-64-1 | UG_L | 2.5 | UJ | c |
| 8260C | BENZENE | 71-43-2 | UG_L | 0.5 | U | |
| 8260C | BROMODICHLOROMETHANE | 75-27-4 | UG_L | 0.5 | U | |
| 8260C | BROMOFORM | 75-25-2 | UG_L | 0.5 | U | |
| 8260C | BROMOMETHANE | 74-83-9 | UG_L | 1 | U | |
| 8260C | CARBON DISULFIDE | 75-15-0 | UG_L | 0.5 | U | |
| 8260C | CARBON TETRACHLORIDE | 56-23-5 | UG_L | 0.5 | U | |
| 8260C | CHLOROBENZENE | 108-90-7 | UG_L | 0.5 | U | |
| 8260C | CHLOROETHANE | 75-00-3 | UG_L | 1 | U | |
| 8260C | CHLOROFORM | 67-66-3 | UG_L | 0.46 | J | |
| 8260C | CHLOROMETHANE | 74-87-3 | UG_L | 1 | U | |
| 8260C | CIS-1,2-DICHLOROETHENE | 156-59-2 | UG_L | 3 | | |
| 8260C | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | UG_L | 0.5 | U | |
| 8260C | CYCLOHEXANE | 110-82-7 | UG_L | 0.5 | U | |
| 8260C | DIBROMOCHLOROMETHANE | 124-48-1 | UG_L | 0.5 | U | |
| 8260C | DICHLORODIFLUOROMETHANE | 75-71-8 | UG_L | 2.1 | J | c |
| 8260C | ETHYLBENZENE | 100-41-4 | UG_L | 0.5 | U | |
| 8260C | ISOPROPYLBENZENE | 98-82-8 | UG_L | 0.5 | U | |
| 8260C | M- AND P-XYLENE | 108-38-3/106-42 | UG_L | 1 | U | |
| 8260C | METHYL ACETATE | 79-20-9 | UG_L | 0.75 | U | |
| 8260C | METHYL CYCLOHEXANE | 108-87-2 | UG_L | 0.5 | U | |
| 8260C | METHYL TERT-BUTYL ETHER | 1634-04-4 | UG_L | 0.5 | U | |
| 8260C | METHYLENE CHLORIDE | 75-09-2 | UG_L | 2.5 | U | |
| 8260C | O-XYLENE | 95-47-6 | UG_L | 0.5 | U | |
| 8260C | STYRENE | 100-42-5 | UG_L | 0.5 | U | |
| 8260C | TETRACHLOROETHENE | 127-18-4 | UG_L | 0.5 | U | |
| 8260C | TOLUENE | 108-88-3 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,2-DICHLOROETHENE | 156-60-5 | UG_L | 0.5 | U | |
| 8260C | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | UG_L | 0.5 | U | |
| 8260C | TRICHLOROETHENE | 79-01-6 | UG_L | 68 | | |
| 8260C | TRICHLOROFLUOROMETHANE | 75-69-4 | UG_L | 1 | U | |
| 8260C | VINYL CHLORIDE | 75-01-4 | UG_L | 1 | U | |
| 8260C | XYLENES, TOTAL | 1330-20-7 | UG_L | 1.5 | U | |
| 8270D_SIM | 1,4-DIOXANE | 123-91-1 | UG_L | 8.6 | | |

*Notes:*
UG_L = Micrograms per liter
NA = Not applicable
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Attachment A
Final Qualifier Codes and Explanations

| Qualifier | Explanation |
|---|---|
| J | The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. |
| UJ | The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample. |
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. |

Attachment B
Reason Codes and Explanations

| Reason Code | Explanation |
|---|---|
| be | Equipment blank contamination |
| bf | Field blank contamination |
| bl | Laboratory blank contamination |
| bm | Missing Blank Information |
| bt | Trip blank contamination |
| c | Calibration issue |
| cr | Chromatographic resolution |
| d | Reporting limit raised due to chromatographic interference |
| dt | Dissolved result > total over limit |
| e | Ether interference |
| ej | Above calibration range; result estimated. |
| f | Presumed contamination from FB or ER. |
| fd | Field duplicate RPDs |
| h | Holding times |
| hs | Headspace greater than 6mm in all sample vials |
| i | Internal standard areas |
| ii | Injection internal standard area or retention time exceedance |
| it | Instrument Tune |
| k | Estimated Maximum Possible Concentrations (EMPC) |
| l | LCS recoveries |
| lc | Labeled compound recovery |
| ld | Laboratory duplicate RPDs (matrix duplicate, MSD, LCSD) |
| lp | Laboratory control sample/laboratory control sample duplicate RPDs |
| m | Matrix spike recovery |
| mc | Deviation from the method |
| md | MS/MSD precision |
| nb | Negative laboratory blank contamination |
| p | Chemical preservation issue |
| p-h | Uncertainty near detection limit (< Reporting Limit), historical reason code applied. |
| pe | Post Extraction Spike |
| q | Quantitation issue |
| r | Dual column RPD |
| rt | SIM ions not within + 2 seconds |
| s | Surrogate recovery |
| sp | Sample preparation issue |
| su | Evidence of ion suppression |
| t | Temperature Preservation Issue |
| x | Low % solids |
| y | Serial dilution results |
| z | ICS results |

**NO ANALYTICAL TABLE OR BACKUP**
**DATA NOT YET PUBLISHED**

# 2016 OU2 GROUNDWATER INVESTIGATION RE133D1, RE133D2 (VPB167) INSTALLATION REPORT

NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)
SITE 1 OU2
BETHPAGE, NY

Prepared for:

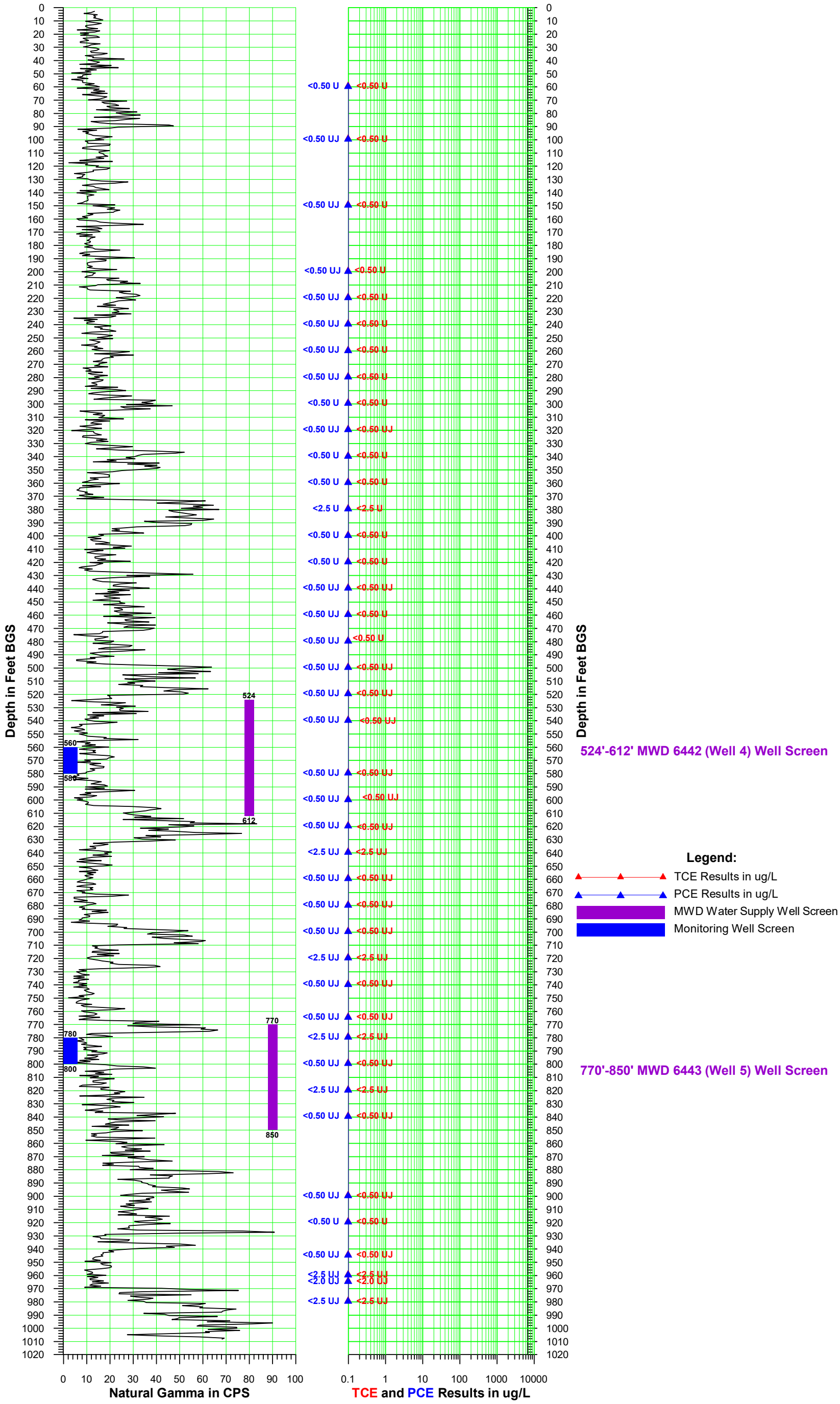
Department of the Navy
Naval Facilities Engineering Command, Atlantic
9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511

April 2017

Resolution Consultants, 2017. 2016 OU2
Groundwater Investigation RE133D1, RE133D2 (VPB 167)
Installation Report Bethpage, NY.April.

DATA NOT YET AVAILABLE IN NIRIS

# Vertical Profile Boring VPB-167
## Downward Run - May 9, 2016
### Validated Analytical Data



# 2016 OU2 GROUNDWATER INVESTIGATION
# RE129D1, RE129D2 (VPB163)
# INSTALLATION REPORT

NWIRP BETHPAGE
SITE 1 OU2
BETHPAGE, NY

Prepared for:

Department of the Navy
Naval Facilities Engineering Command, Atlantic
9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511

Prepared by:

Resolution Consultants
*A Joint Venture of AECOM & EnSafe*
1500 Wells Fargo Building
440 Monticello Avenue
Norfolk, Virginia 23510

Contract Number: N62470-11-D-8013
CTO WE15

**December** 2016

Brian Caldwell
Contract Task Order Manager

TABLE 3. ANALYTICAL DATA SUMMARY
2016 GROUNDWATER INVESTIGATION
NWIRP BETHPAGE, NY



| Location | NYSDEC Groundwater Guidance or Standard Value (Note 1) | RE129D1 | RE129D2 |
|---|---|---|---|
| **Sample Date** | | 6/20/2016 (Note 2) | 6/20/2016 (Note 2) |
| **Sample ID** | | RE129D1-GW-062016 | RE129D2-GW-062016 |
| **Sample type code** | | N | N |
| **VOC 8260C (ug/L)** | | | |
| 1,1,1-TRICHLOROETHANE | 5 | <0.50 U | <0.50 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 | <0.50 U | <0.50 U |
| 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 5 | <0.50 U | <0.50 U |
| 1,1,2-TRICHLOROETHANE | 1 | <0.50 U | <0.50 U |
| 1,1-DICHLOROETHANE | 5 | <0.50 U | <0.50 U |
| 1,1-DICHLOROETHENE | 5 | <0.50 U | <0.50 U |
| 1,2,4-TRICHLOROBENZENE | 5 | <0.50 U | <0.50 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 0.04 | ***<0.75 U*** | ***<0.75 U*** |
| 1,2-DIBROMOETHANE | NL | <0.50 U | <0.50 U |
| 1,2-DICHLOROBENZENE | 3 | <0.50 U | <0.50 U |
| 1,2-DICHLOROETHANE | 5 | <0.50 U | <0.50 U |
| 1,2-DICHLOROETHENE, TOTAL | 5 | <1.0 U | <1.0 U |
| 1,2-DICHLOROPROPANE | 1 | <0.50 U | <0.50 U |
| 1,3-DICHLOROBENZENE | 3 | <0.50 U | <0.50 U |
| 1,4-DICHLOROBENZENE | 3 | <0.50 UJ | <0.50 UJ |
| 1,4-DIOXANE (Method 8270D_SIM) | NL | <0.17 U | <0.17 U |
| 2-BUTANONE | 50 | <2.5 U | <2.5 U |
| 2-HEXANONE | 50 | <2.5 U | <2.5 U |
| 4-METHYL-2-PENTANONE | NL | <2.5 U | <2.5 U |
| ACETONE | 50 | **3.2 J** | **2.5 J** |
| BENZENE | 1 | <0.50 U | <0.50 U |
| BROMODICHLOROMETHANE | 50 | <0.50 U | <0.50 U |
| BROMOFORM | 50 | <0.50 U | <0.50 U |
| BROMOMETHANE | 5 | <1.0 UJ | <1.0 UJ |
| CARBON DISULFIDE | 60 | <0.50 UJ | <0.50 UJ |
| CARBON TETRACHLORIDE | 5 | <0.50 U | <0.50 U |
| CHLOROBENZENE | 5 | <0.50 U | <0.50 U |
| CHLOROETHANE | 5 | <1.0 U | <1.0 U |
| CHLOROFORM | 7 | <0.50 U | <0.50 U |
| CHLOROMETHANE | 5 | <1.0 U | <1.0 U |
| CIS-1,2-DICHLOROETHENE | 5 | <0.50 U | <0.50 U |
| CIS-1,3-DICHLOROPROPENE | 0.4 | ***<0.50 U*** | ***<0.50 U*** |
| CYCLOHEXANE | NL | <0.50 U | <0.50 U |
| DIBROMOCHLOROMETHANE | 5 | <0.50 U | <0.50 U |
| DICHLORODIFLUOROMETHANE | 5 | <1.0 U | <1.0 U |
| ETHYLBENZENE | 5 | <0.50 U | <0.50 U |
| ISOPROPYLBENZENE | 5 | <0.50 U | <0.50 U |
| M- AND P-XYLENE | NL | <1.0 U | <1.0 U |
| METHYL ACETATE | NL | <0.75 U | <0.75 U |
| METHYL CYCLOHEXANE | NL | <0.50 U | <0.50 U |
| METHYL TERT-BUTYL ETHER | 10 | <0.50 U | <0.50 U |
| METHYLENE CHLORIDE | 5 | <2.5 U | <2.5 U |
| O-XYLENE | NL | <0.50 U | <0.50 U |
| STYRENE | 5 | <0.50 U | <0.50 U |
| TETRACHLOROETHENE | 5 | <0.50 U | <0.50 U |
| TOLUENE | 5 | <0.50 U | <0.50 U |
| TRANS-1,2-DICHLOROETHENE | 5 | <0.50 U | <0.50 U |
| TRANS-1,3-DICHLOROPROPENE | 0.4 | ***<0.50 U*** | ***<0.50 U*** |
| TRICHLOROETHENE | 5 | <0.50 U | <0.50 U |
| TRICHLOROFLUOROMETHANE | 5 | <1.0 U | <1.0 U |
| VINYL CHLORIDE | 2 | <1.0 U | <1.0 U |
| XYLENES, TOTAL | 5 | <1.5 U | <1.5 U |

# Vertical Profile Borings VPB-38, -76, and -77 Summary Report

## Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

## Northern Division Naval Facilities Engineering Command

**Contract Number N62472-94-D-0398**

**Delivery Order 033B**

November 2000

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203227.02 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-053054, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 13 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 17 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203227.03 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-101102, 1522

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 13 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | 4 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 15 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | 2 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | 4 |
| m + p Xylene | ug/L | 12 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203227.04 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-065066, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 16 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | 1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 4 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | 3 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:203227.05 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-151152, 1648

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.01 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:7/25/00

SAMPLE: Water sample, TB-07240, 0835

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 19205 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.02 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-221222, 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.03 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-243244, 0914

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 13 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1.6 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 6.7 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 160 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.04 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-252253, 1025

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3.4 |
| 1,1 Dichloroethane | ug/L | 1.8 |
| 1,2 Dichloroethene | ug/L | 3.1 |
| Chloroform | ug/L | 2.2 |
| 1,2 Dichloroethane | ug/L | 2.5 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2.8 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2.2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3400 |

cc:

REMARKS: Amended Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.05 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-263264, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 10 |
| Chloroform | ug/L | 6 |
| 1,2 Dichloroethane | ug/L | 8 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | 4 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2300 |

cc:

REMARKS:

DIRECTOR



rn= 19209 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.06 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-273274, 1239

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 5.9 |
| Chloroform | ug/L | 6.2 |
| 1,2 Dichloroethane | ug/L | 15 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 3.5 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1.8 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | < |
| c-1,3Dichloropropene | ug/L | < |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2400 |

cc:

REMARKS: Amended Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.07 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-283284, 1331

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 11 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1.9 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 5.6 |
| Chloroform | ug/L | 5.6 |
| 1,2 Dichloroethane | ug/L | 7.8 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1.3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 3.1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | 2.3 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2200 |

cc:

REMARKS: Amended Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.01 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, TB-072500, 0720

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.02 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-293294, 1438

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3.6 |
| 1,1 Dichloroethane | ug/L | 1.1 |
| 1,2 Dichloroethene | ug/L | 6.5 |
| Chloroform | ug/L | 4.5 |
| 1,2 Dichloroethane | ug/L | 8 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2.5 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1.5 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2.7 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1100 |

cc:

REMARKS: Amended Report.

DIRECTOR



rp= 19438 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.03 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-295296, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3.3 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 6.2 |
| Chloroform | ug/L | 4.3 |
| 1,2 Dichloroethane | ug/L | 7.5 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2.5 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1.5 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2.5 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1100 |

cc:

REMARKS: Amended Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.04 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-302303, 1542

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 1.7 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3.3 |
| Chloroform | ug/L | 1.9 |
| 1,2 Dichloroethane | ug/L | 3.8 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1.3 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 610 |

cc:

REMARKS: Amended Report.

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.05 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-312313, 1648

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 2.1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | 1.9 |
| 1,2 Dichloroethane | ug/L | 2.7 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2.8 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 280 |

cc:

REMARKS: Amended Report.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.06 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:07/26/00

SAMPLE: Water sample, RB-072400, 0940

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.07 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-DM-150, 0955

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | 2.7 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 12 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | 2.7 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.01 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, TB-072700, 0710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 19820 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.02 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-323324, 1128

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1.5 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3.4 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | 3.2 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1.3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 580 |

cc:

REMARKS:

DIRECTOR



rn= 19821 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.03 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-331332, 1240

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 4.6 |
| 1,1 Dichloroethane | ug/L | 3.3 |
| 1,2 Dichloroethene | ug/L | 1.4 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4.4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1.9 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 990 |

cc:

REMARKS:

DIRECTOR



rn= 19822 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.04 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-343344, 1348

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 6.8 |
| 1,1 Dichloroethane | ug/L | 2.6 |
| 1,2 Dichloroethene | ug/L | 1.6 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 5.8 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2.2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 710 |

cc:

REMARKS:

DIRECTOR



rp= 19823 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.05 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-354355, 1616

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2.8 |
| 1,1 Dichloroethane | ug/L | 1.5 |
| 1,2 Dichloroethene | ug/L | 1.4 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2.3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1300 |

cc:

REMARKS:

DIRECTOR



rn= 19824 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.06 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-DM-310, 0745

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 32 |

cc:

REMARKS:

DIRECTOR



rp= 19825 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.07 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, RB-072700, 1005

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| hloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 19826 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203372.08 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, FB-072700, 1024

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 19827 NYSDOH ID# 10320

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.02 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-381382, 1147

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 500 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.03 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-391392, 1412

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 560 |

cc:

REMARKS:

 DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.04 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site. #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-401402. 1548

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 580 |

cc:

REMARKS:



DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.01 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-431432, 1350

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rn= 20658 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.02 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-451452, 1710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 6 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | 3 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 3 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 860 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.03 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/03/00

SAMPLE: Water sample, RB-073100, 0955

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 20660 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.04 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-DM-380, 0859

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | 18 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



20661 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.05 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-458459, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 6 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | 3 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 850 |

cc:

REMARKS:

DIRECTOR



rm= 20662 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.06 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-461462, 0935

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 2 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 560 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.07 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-471472, 1118

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 520 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.08 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-492493, 1449

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 120 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203485.09 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, TB-080100, 0735

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 20657 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203498.01 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/04/00

SAMPLE: Water sample, BP-VPB-38-DM-460, 0752

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 7 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 30 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203498.02 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/04/00

SAMPLE: Water sample, RB-080200, 0951

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 20818 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203498.03 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/03/00 RECEIVED:08/04/00

SAMPLE: Water sample, TB-080300, 0800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203498.04 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/03/00 RECEIVED:08/04/00

SAMPLE: Water sample, BP-VPB-38-511512, 1750

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 20820 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203582.01 08/15/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/07/00 RECEIVED:08/09/00

SAMPLE: Water sample, BP-VPB-38-533534, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203582.02 08/15/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/07/00 RECEIVED:08/09/00

SAMPLE: Water sample, TB-080700, 0855

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 21531 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203755.01 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, TB-081700, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203755.02 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, BP-VPB-38R2-541542, 1405

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 12 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203755.03 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, BP-VPB-38R2-561562, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203810.01 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/21/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-571572, 1440

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 28 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 4 |

cc:

REMARKS:

DIRECTOR



--- 23204 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203810.02 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/21/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-621622, 1720

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 33 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



03005 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203810.03 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/15/00 RECEIVED:08/22/00

SAMPLE: Water sample, Trip Blank

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203810.04 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/22/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-DM-670, 1150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 21 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203810.05 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/22/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-672673, 1305

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 23208 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:204278.02 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/18/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-072073, 1240

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26022 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204278.03 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/18/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-103104, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204278.04 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-153154, 1125

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | 3 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | 4 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 8 |

cc:

REMARKS:

DIRECTOR



rn= 26024 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:204278.05 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-170171, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | 3 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | 4 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 9 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204278.06 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-202203, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 4 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 4 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 100 |

cc:

REMARKS:

DIRECTOR



rn= 26026 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:204278.07 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-211212, 1625

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 81 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:204278.08 09/26/00

Tetra Tech Nus., Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, RB-091900, 1740

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26028 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:204278.09 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/20/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-222223, 1055

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 8 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | 1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 5 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 8 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 68 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.01 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/12/00 RECEIVED:09/22/00

SAMPLE: Water sample, TB-09200, 1158

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rpt= 26308 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.02 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/20/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-232233, 1610

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 9 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | 2 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 4 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 7 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 98 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.03 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-262263, 1154

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26310 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.04 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-DM-270, 1205

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.05 09/27/00

Tetra Tech Nus., Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-271272, 1322

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26312 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.06 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-281282, 1510

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204326.07 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-291292, 1700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26314 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.01 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/12/00 RECEIVED:09/27/00

SAMPLE: Water sample, TB-092500, 1150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.02 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/25/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-302303, 1515

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 20 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 5 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 7 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 50 |

cc:

REMARKS:

DIRECTOR



rp= 26605 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.03 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/26/00 RECEIVED:09/27/00

SAMPLE: Water sample, RB-092600, 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.04 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-315316, 0830

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 33 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 26607 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.05 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-331332, 1030

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 34 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.06 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-342343, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rp= 26609 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204393.07 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-346347, 1250

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.01 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, TB092700, 1217

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.02 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-362363, 1550

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 45 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.03 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-371372, 1740

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rpt= 26997 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.04 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/28/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-381382, 1015

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.05 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/28/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-401402, 1358

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



26999 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204454.06 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/29/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-431432, 1125

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 34 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.01 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, TB100200, 0800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 27477 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.02 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-441442, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.03 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-461462, 1428

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 27479 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.04 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-481482, 0956

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 4 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 17 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 4 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 87 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.05 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-491492, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 5 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 26 |

cc:

REMARKS:

DIRECTOR



rn= 27481 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.06 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-511512, 1756

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 7 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 46 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.07 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/04/00

SAMPLE: Water sample, RB100400, 0803

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 27483 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204534.08 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/04/00

SAMPLE: Water sample, DM100400, 0824

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.01 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, TB-100400, 0645

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 27745 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.02 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-531532, 1155

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 5 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 96 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.03 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-541542, 1338

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rp= 27747 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.04 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-551552, 1646

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 3 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 23 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.05 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-554555, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 3 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 22 |

cc:

REMARKS:

DIRECTOR



rn= 27749 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.06 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-561562, 1005

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 24 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 42 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.07 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-572573, 1311

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 8 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 2 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 130 |

cc:

REMARKS:

DIRECTOR



rn= 27751 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.08 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-591592, 1755

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 3 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 130 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.09 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-594595, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 3 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 120 |

cc:

REMARKS:

DIRECTOR



rp= 27753 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204573.10 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/06/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-601602, 1043

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 50 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.01 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, TB-100900, 0820

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28237 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.02 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-611612, 1300

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 5 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 200 |

cc:

REMARKS:

DIRECTOR



28238 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.03 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-622623, 1455

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28239 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.04 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-631632, 1648

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 77 |

cc:

REMARKS:

DIRECTOR



28240 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.05 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-634635, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 68 |

cc:

REMARKS:

DIRECTOR



rn= 28241 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.06 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/10/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-642643, 1052

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 52 |

cc:

REMARKS:

DIRECTOR



28242 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204652.07 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/11/00 RECEIVED:10/11/00

SAMPLE: Water sample, RB-101100, 1020

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28243 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204694.01 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/11/00 RECEIVED:10/13/00

SAMPLE: Water sample, TB-101100

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28838 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204694.02 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-662663

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 19 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 50 |

cc:

REMARKS:

DIRECTOR



rn= 28839 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204694.03 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-672673

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 38 |

cc:

REMARKS:

DIRECTOR



rn= 28840 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204694.04 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-682683

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 28 |

cc:

REMARKS:

DIRECTOR



rn= 28841 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204784.01 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/18/00

SAMPLE: Water sample, TB-101600 (Trip Blank)1154

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204784.02 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/16/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-701702, 1300

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 120 |

cc:

REMARKS:

DIRECTOR



rn= 29433 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204784.03 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/16/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-711712, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 71 |

cc:

REMARKS:

DIRECTOR



NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204784.04 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/17/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-741742, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 90 |

cc:

REMARKS:

DIRECTOR



rn= 29435 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204816.01 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-TB-101800, Trip Blank

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204816.02 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-RB-101800, 0810

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 2 |
| Acetone | ug/L | 20 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 29647 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204816.03 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-VPB-76-771772, 1020

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 47 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204816.03 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-VPB-76-771772, 1020

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 47 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:204816.04 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-DM-101800-790, 1305

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 29649 NYSDOH ID# 10320

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.02 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample, BP-VPB-77-053054, 1600

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1.3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.03 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample. RB-060700. 1834

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.04 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample, SW-060700, 1850

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202497.05 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage. #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample. BP-VPB-77-103104. 1049

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.01 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, TB-060800, 0713

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethane | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.02 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Danny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-153154, 1305

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 6 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 10 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.03 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #NO565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-203204, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.04 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-213214, 1525

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 2 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 4 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.05 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-224225, 1649

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 6 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 8 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 13 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO;202501.06 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/09/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-233234, 0949

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 19 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.07 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia

PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/09/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-243244, 1120

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.02 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-254255, 1305

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | 25 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | 97 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

rn= 15068 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.03 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-264265, 1450

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 13 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 15069 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.04 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-273274, 1544

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15070 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.05 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-283284, 1635

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 8 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 17 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 7 |
| Toluene | ug/L | 3 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 15071 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.06 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-256257, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 100 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 25 |

cc:

REMARKS:

DIRECTOR



rn= 15072 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.07 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-292293, 0925

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15073 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.08 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-301302, 1024

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS:

DIRECTOR

rn= 15074 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202535.09 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-312313, 1118

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 3 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15075 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.01 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-322323, 1250

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS:

DIRECTOR



rn= 15189 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.02 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, TB-061300, 0655

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15190 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.03 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-333334, 1345

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <5 | Ethyl Benzene | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 | Styrene | ug/L | <5 |
| Chloroethane | ug/L | <5 | o Xylene | ug/L | <5 |
| Methylene Chloride | ug/L | <5 | m + p Xylene | ug/L | <10 |
| Acetone | ug/L | <50 | Xylene | ug/L | <15 |
| Carbon disulfide | ug/L | <5 | Bromomethane | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 | ter.ButylMethylEther | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 | Freon 113 | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 | Trichlorofluomethane | ug/L | <5 |
| Chloroform | ug/L | <5 | Dichlordifluomethane | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 | c-1,3Dichloropropene | ug/L | <5 |
| 2-Butanone | ug/L | <50 | t-1,3Dichloropropene | ug/L | <5 |
| 111 Trichloroethane | ug/L | <5 | Trichloroethene | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 | | | |
| Bromodichloromethane | ug/L | <5 | | | |
| 1,2 Dichloropropane | ug/L | <5 | | | |
| 112 Trichloroethane | ug/L | <5 | | | |
| Benzene | ug/L | <5 | | | |
| Bromoform | ug/L | <5 | | | |
| 4-Methyl-2-Pentanone | ug/L | <50 | | | |
| 2-Hexanone | ug/L | <50 | | | |
| Tetrachloroethene | ug/L | <5 | | | |
| Toluene | ug/L | <5 | | | |
| 1122Tetrachloroethan | ug/L | <5 | | | |
| Chlorobenzene | ug/L | <5 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15191 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.04 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-343344, 1450

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS:

DIRECTOR



rn= 15192 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.05 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-354355, 1657

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS:

DIRECTOR



rn= 15193 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.06 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-362363, 1030

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <5 | Ethyl Benzene | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 | Styrene | ug/L | <5 |
| Chloroethane | ug/L | <5 | o Xylene | ug/L | <5 |
| Methylene Chloride | ug/L | <5 | m + p Xylene | ug/L | <10 |
| Acetone | ug/L | <50 | Xylene | ug/L | <15 |
| Carbon disulfide | ug/L | <5 | Bromomethane | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 | ter.ButylMethylEther | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 | Freon 113 | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 | Trichlorofluomethane | ug/L | <5 |
| Chloroform | ug/L | <5 | Dichlordifluomethane | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 | c-1,3Dichloropropene | ug/L | <5 |
| 2-Butanone | ug/L | <50 | t-1,3Dichloropropene | ug/L | <5 |
| 111 Trichloroethane | ug/L | <5 | Trichloroethene | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 | | | |
| Bromodichloromethane | ug/L | <5 | | | |
| 1,2 Dichloropropane | ug/L | <5 | | | |
| 112 Trichloroethane | ug/L | <5 | | | |
| Benzene | ug/L | <5 | | | |
| Bromoform | ug/L | <5 | | | |
| 4-Methyl-2-Pentanone | ug/L | <50 | | | |
| 2-Hexanone | ug/L | <50 | | | |
| Tetrachloroethene | ug/L | <5 | | | |
| Toluene | ug/L | <5 | | | |
| 1122Tetrachloroethan | ug/L | <5 | | | |
| Chlorobenzene | ug/L | <5 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15194 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.07 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-DM-280, 1645

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

rn= 15195 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.08 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-368370, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <5 | Ethyl Benzene | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 | Styrene | ug/L | <5 |
| Chloroethane | ug/L | <5 | o Xylene | ug/L | <5 |
| Methylene Chloride | ug/L | <5 | m + p Xylene | ug/L | <10 |
| Acetone | ug/L | <50 | Xylene | ug/L | <15 |
| Carbon disulfide | ug/L | <5 | Bromomethane | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 | ter.ButylMethylEther | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 | Freon 113 | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 | Trichlorofluomethane | ug/L | <5 |
| Chloroform | ug/L | <5 | Dichlordifluomethane | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 | c-1,3Dichloropropene | ug/L | <5 |
| 2-Butanone | ug/L | <50 | t-1,3Dichloropropene | ug/L | <5 |
| 111 Trichloroethane | ug/L | <5 | Trichloroethene | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 | | | |
| Bromodichloromethane | ug/L | <5 | | | |
| 1,2 Dichloropropane | ug/L | <5 | | | |
| 112 Trichloroethane | ug/L | <5 | | | |
| Benzene | ug/L | <5 | | | |
| Bromoform | ug/L | <5 | | | |
| 4-Methyl-2-Pentanone | ug/L | <50 | | | |
| 2-Hexanone | ug/L | <50 | | | |
| Tetrachloroethene | ug/L | <5 | | | |
| Toluene | ug/L | <5 | | | |
| 1122Tetrachloroethan | ug/L | <5 | | | |
| Chlorobenzene | ug/L | <5 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15196 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.09 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/14/00

SAMPLE: Water sample, RB-061200, 1800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 21 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | 13 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15197 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.10 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-372373, 1148

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS:

DIRECTOR



rn= 15198 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.11 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-383384, 1300

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

rn= 15199 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO.202569.12 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-392393, 1358

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <5 | Ethyl Benzene | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 | Styrene | ug/L | <5 |
| Chloroethane | ug/L | <5 | o Xylene | ug/L | <5 |
| Methylene Chloride | ug/L | <5 | m + p Xylene | ug/L | <10 |
| Acetone | ug/L | <50 | Xylene | ug/L | <15 |
| Carbon disulfide | ug/L | <5 | Bromomethane | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 | ter.ButylMethylEther | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | <5 | Freon 113 | ug/L | <5 |
| 1,2 Dichloroethene | ug/L | <5 | Trichlorofluomethane | ug/L | <5 |
| Chloroform | ug/L | <5 | Dichlordifluomethane | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 | c-1,3Dichloropropene | ug/L | <5 |
| 2-Butanone | ug/L | <50 | t-1,3Dichloropropene | ug/L | <5 |
| 111 Trichloroethane | ug/L | <5 | Trichloroethene | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 | | | |
| Bromodichloromethane | ug/L | <5 | | | |
| 1,2 Dichloropropane | ug/L | <5 | | | |
| 112 Trichloroethane | ug/L | <5 | | | |
| Benzene | ug/L | <5 | | | |
| Bromoform | ug/L | <5 | | | |
| 4-Methyl-2-Pentanone | ug/L | <50 | | | |
| 2-Hexanone | ug/L | <50 | | | |
| Tetrachloroethene | ug/L | <5 | | | |
| Toluene | ug/L | <5 | | | |
| 1122Tetrachloroethan | ug/L | <5 | | | |
| Chlorobenzene | ug/L | <5 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15200 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.01 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, TB-061400, 0715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15603

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.02 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-403404, 1500

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 57 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15604

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.03 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-413414, 1700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 26 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15605

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.04 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-423424, 1002

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 51 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15606

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.05 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-432433, 1114

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15607

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.06 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-443444, 1333

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 19 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15608

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.07 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-452453, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15609

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.08 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-438440, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 22 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15610

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.09 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-463464, 1544

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 26 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15611

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.10 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-472473, 1652

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 29 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15612

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

**377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770**

LAB NO:202625.11 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-482483, 0915

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 32 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15613

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.12 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-DM-410, 1710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 19 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15614

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202625.13 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, RB-061400, 1735

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 23 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15615

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.01 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/19/00 RECEIVED:06/21/00

SAMPLE: Water sample, TB061900, 0815

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



15959 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.02 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/21/00

SAMPLE: Water sample, BP-VPB-77-501502, 1128

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | 59 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15960 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.03 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-512513, 1238

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.04 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-523524, 1410

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 160 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15962 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.05 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-533534, 1645

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 41 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 15963 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.06 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-543544, 1205

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15964 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202699.07 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-538540, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15965 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.01 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, TB062100, 0740

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16262 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.02 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-552553, 1420

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 34 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16263 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.03 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-562563, 1725

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 61 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16264 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.04 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-573574, 1010

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16265 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.05 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-583584, 1150

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 16266 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.06 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-592593, 1335

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16267 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.07 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-002603, 1635

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 11 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16268 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202763.08 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-613614, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16269 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.01 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, TB062600, 0845

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 16449 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.02 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-621622, 1235

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16450 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.03 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-631632, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16451 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.04 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-645647, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 16452 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.05 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-041642, 1625

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 16453 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202803.06 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-652653, 1008

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16454 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.01 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, TB062700, 0700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16944 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.02 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-062663, 1210

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16945 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.03 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-672673, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16946 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.04 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-682683, 1650

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16947 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.05 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/28/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-702703, 1245

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16948 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.06 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/28/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-711712, 1510

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16949 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202876.07 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-721722, 1230

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 16950 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202902.01 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, TB-062900, 1345

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 17096 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202902.02 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-726727, 1420

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 17097 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202902.03 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-743747, 1702

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 18 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 17098 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202902.04 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/30/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-772773, 1340

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 22 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 17099 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:202902.05 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/30/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-781782, 1522

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 30 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 17100 NYSDOH ID# 10320

# Southern Area Vertical Profile Boring Installation Summary Report

## Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

## Engineering Field Activity Northeast
## Naval Facilities Engineering Command

**Contract Number N62467-94-D-0888**

**Contract Task Order 812**

February 2002



TETRA TECH NUS, INC.

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.05 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-051052, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 10 |
| Acetone | ug/L | 43 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.06 06/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-101102, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 4 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.07 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-151152, 1640

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.01 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-TB-060601, 0934

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.02 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-202203, 1050

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | 1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.03 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-221222, 1210

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 8 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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**Email: ecotestlab@aol.com Website: www.ecotestlabs.com**

LAB NO:212878.04 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-241242, 1330

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 16553 VPB43 A-89 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212878.05 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-261262, 1500

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

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LAB NO:212878.06 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-281282, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 5 |
| Acetone | ug/L | 27 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 4 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212878.07 06/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-302303, 1720

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.15 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-321322, 0910

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 11 |
| Acetone | ug/L | 26 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.08 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-RB-060701, 0915

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212878.09 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-341342, 1030

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 24 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212878.10 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-DM380, 1205

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.11 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-381382, 1335

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212878.12 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-DUP1, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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**Email: ecotestlab@aol.com Website: www.ecotestlabs.com**

LAB NO:212878.13 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-421422, 1645

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212878.14 06/14/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-441442, 1025

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 6 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212969.01 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-TB-061101, 0930

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.02 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-461462, 1420

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 13 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.03 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-481482, 1610

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.04 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-491492, 1740

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 17056 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.05 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-501502, 1000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.06 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-DUP2, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212969.07 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-521522, 1135

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

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LAB NO:212969.08 06/18/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-541542, 1310

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.01 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-TB-061301, 0700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.02 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-571572, 0940

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.03 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-RB-061301, 0955

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213036.04 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-581582, 1150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213036.05 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-601602, 1335

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | 1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213036.06 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-621622, 1525

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.07 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-641642, 1710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.08 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-661662, 0950

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.09 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-DM680, 1010

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.10 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-681682, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.11 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-701702, 1310

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.12 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-721722, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.13 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-741742, 1700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213036.14 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-761762, 0945

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213036.15 06/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/15/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-781782, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213117.01 06/22/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-TB-061801, 1431

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| **Carbon disulfide** | **ug/L** | **<1** |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| **Bromomethane** | **ug/L** | **<1** |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213117.02 06/22/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-802803, 1045

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 28 |
| **Carbon disulfide** | **ug/L** | **<1** |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| **Bromomethane** | **ug/L** | **<1** |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS: One sample vial received.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213117.03 06/22/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-821822, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| **Carbon disulfide** | **ug/L** | **<1** |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| **Bromomethane** | **ug/L** | **<1** |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213117.04 06/22/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-841842, 1359

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| **Carbon disulfide** | **ug/L** | **<1** |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| **Bromomethane** | **ug/L** | **<1** |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

# NWIRP, Beth Page

## *Total Organic Carbon*

| | | | |
|---|---|---|---|
| **Lab Name:** | STL PITTSBURGH | **Method:** | MSA WALKLEY-B |
| **Client Name:** | TETRA TECH NUS, INC. | **Lot Number:** | C1F080239 |
| **Matrix:** | SOLID | **Date/Time Received:** | 6/8/01 9:30:00AM |
| | | **SDG Number:** | BP020 |

| Client Sample ID | Sample Number | Workorder | Result | Units | Reporting Limit | Dilution Factor | Prep/ Analysis Date | QC Batch |
|---|---|---|---|---|---|---|---|---|
| BP-VPB-43-200202 | 001 | EELM61AC | 2260 | mg/kg | 58.4 | 1 | 6/13/01 -6/13/01 | 1164329 |
| BP-VPB-43-340341 | 002 | EELM81AC | 2620 | mg/kg | 67.9 | 1 | 6/13/01 -6/13/01 | 1164329 |

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:211955.02 04/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/19/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-102103, 1515

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 11 |

cc:

REMARKS:

DIRECTOR



rn= 11145 VPB44 B-81

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211955.03 04/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/20/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-162163, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 4 |
| 1,1 Dichloroethane | ug/L | 9 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 13 |

cc:

REMARKS:

DIRECTOR



rn= 11146 VPB44 B-82

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211955.04 04/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/20/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-202203, 1325

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 11 |

cc:

REMARKS:

DIRECTOR



rn= 11147 VPB44 B-83

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.01 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/16/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-TB-042401, 1502

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 11840

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.02 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-222223, 1030

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 7 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | 4 | Trichloroethene | ug/L | 11 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | 1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 11841 VPB44 B-85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.03 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-DM240, 1040

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rn= 11842 VPB44 B-86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.05 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-242243, 1220

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 7 |
| 1,1 Dichloroethane | ug/L | 9 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 6 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 30 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212025.06 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-262263, 1400

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 5 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 19 |

cc:

REMARKS:

DIRECTOR



rn= 11845 VPB44 B-88

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212025.04 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-DUP1, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 5 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 23 |

cc:

REMARKS:

DIRECTOR



rn= 11843 VPB44 B-89

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.07 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-282283, 1535

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | 7 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 6 |

cc:

REMARKS:

DIRECTOR



rn= 11846 VPB44 B-90

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212025.08 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-302303, 1715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 11847

VPB44 B-91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212025.09 04/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-RB-042401, 1735

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichlorpethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 11848 VPB44 B-92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212070.01 05/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/25/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-TB-0425-01, 0907

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12029 VPB44 B-93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212070.02 05/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-342343, 1420

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR _____



rn= 12030

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212070.03 05/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-362363, 1515

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12031

VPB44 B-95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212070.04 05/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-382383, 1106

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12032 VPB44 B-96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.01 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-TB-043001, 0955

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12439 VPB44 B-97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.02 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-401402, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12440 VPB44 B-98

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.03 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-421422, 1440

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12441 VPB44 B-99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.04 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-451452, 1656

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 12442 VPB44 B-100

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.05 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-DUP2, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 12443 VPB44 B-101

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.06 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/01/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-RB-050101, 1030

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212152.07 05/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-501502, 1000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12445 VPB44 B-103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.01 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-TB-050201, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.02 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-521522, 1150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12778 VPB44 B-105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.03 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-540541, 1412

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.04 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-560561, 1600

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12780

VPB44 B-107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.05 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-580581, 1750

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

rn= 12781

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.06 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-DUP3, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12782 VPB44 B-109

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:212212.07 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-610611, 1041

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 12783 VPB44 B-110

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.08 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-620621, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12784

VPB44 B-111

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.09 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-640641, 1412

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12785

VPB44 B-112

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.10 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-DM660, 1420

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12786 VPB44 B-113

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.11 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-660661, 1605

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 12787 VPB44 B-114

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212212.12 05/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/04/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-690691, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 13 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR



rn= 12788 VPB44 B-115

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.01 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-TB-050701, 1800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

rn= 13458

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.02 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-701702, 1335

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13459 VPB44 B-117

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.03 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-DUP4, 1540

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

rn= 13460

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON. N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.04 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-721722, 1535

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 3 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13461 VPB44 B-119

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.05 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-741742, 1730

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13462 VPB44 B-120

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.06 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-781782, 1610

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13463

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.07 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-801802, 1825

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13464

VPB44 B-122

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212311.08 05/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-DUP5, 1830

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13465

VPB44 B-123

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212329.01 05/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/01/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-TB-050901, 0937

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 13626 VPB44 B-124

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212329.02 05/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-VPB-44-DM820, 0825

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2.0 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13627 VPB44 B-125

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212329.03 05/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-VPB-44-832833, 1050

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 1.6 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13628 VPB44 B-126

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212329.04 05/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-RB-050901, 1055

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 13629

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.02 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-053054, 1515

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 23 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rpt= 7485 VPB45 C-79

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.03 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-102103, 1715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 7486 VPB45 C-80

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON. N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.04 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/16/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-152153, 1055

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 9 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 5 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3 |

cc:

REMARKS:

DIRECTOR



rn= 7487 VPB45 C-81

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.05 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/16/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-202203, 1345

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 7 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 5 |

cc:

REMARKS:

DIRECTOR



rn= 7488 VPB45 C-82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.01 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-TB-031901, 0936

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 7997 VPB45 C-83

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.02 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/19/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-222223, 1510

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 9 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | 1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | 3 | Trichloroethene | ug/L | 7 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 7998 VPB45 C-84

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.03 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/19/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-242243, 1645

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 8 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 3 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 6 |

cc:

REMARKS:

DIRECTOR



rn= 7999 VPB45 C-85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.04 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-RB-032001, 0800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8000 VPB45 C-86

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.05 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-262263, 0935

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | 8 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 8 |

cc:

REMARKS:

DIRECTOR



rn= 8001 VPB45 C-87

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.06 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-DM280, 0948

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.07 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-282283, 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 8003

VPB45 C-89

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.08 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-322323, 1504

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8004 VPB45 C-90

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.09 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-DUP1, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 8005 VPB45 C-91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:211396.10 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-342343, 1710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8006 VPB45 C-92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.01 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-TB-032101, 0936

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 8308 VPB45 C-93 )

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.02 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/21/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-382383, 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8309 VPB45 C-94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.03 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/22/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-452453, 1510

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8310 VPB45 C-95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.04 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-462463, 1030

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | 140 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 8311 VPB45 C-96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.05 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-482483, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 23 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8312

VPB45 C-97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.06 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-502503, 1350

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 170 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR



rn= 8313

VPB45 C-98

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.01 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-TB-032601, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8660 VPB45 C-99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.02 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/26/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-522523, 1450

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8661

VPB45 C-100

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.03 04/03/01

Tetra Tech Nus. Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/27/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-582583, 1445

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 7 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8662 VPB45 C-101

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.04 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/27/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-DM600, 1645

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 28 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8663 VPB45 C-102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.01 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/22/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-TB-032801, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8959 VPB45 C-103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.02 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/28/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-622623, 1300

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8960 VPB45 C-104

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.03 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/28/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-642643, 1500

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 26 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8961 VPB45 C-105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.04 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/29/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-672673, 1345

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8962 VPB45 C-106

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.05 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/29/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-682683, 1550

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 78 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 4 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 8963

VPB45 C-107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.06 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/30/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-RB-033001, 1020

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 8964

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.211454.06 04/05/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-502503, 1350*

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 24 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | >100 ** |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: *Report of reanalysis from second sample vial.
**response for toluene is out of linear range when run at this dilution (X1); value exceeded 100 ug/L.

Additional Report (requested by client 4/3/01).

DIRECTOR



rn= 9204 VPB45 C-109

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.01 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-TB040201, 0845

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9397 VPB45 C-110

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.02 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-711712, 1210

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 32 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9398 VPB45 C-111

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.03 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-721722, 1423

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9399 VPB45 C-112

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.04 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-740741, 1650

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9400

VPB45 C-113

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.05 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP2, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9401

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.06 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh. PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-761762, 1043

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9402

VPB45 C-115

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.07 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-781782, 1250

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 31 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9403 VPB45 C-116

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.08 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP3, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 18 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rp= 9404 VPB45 C-117

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.09 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP4, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 69 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9405 VPB45 C-118

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.10 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, Tape Blank, 1450

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | 2 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 7500 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | 4 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | 4 |
| Xylene | ug/L | 4 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9406 VPB45 C-119

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.11 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-800801, 1510

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 46 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 9407 VPB45 C-120

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.12 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-RB040301, 1753

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 9408 VPB45 C-121

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.02 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/07/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-5253, 1622

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |
| Chlorodifluoromethan | ug/L | 17 |

cc:

REMARKS:

DIRECTOR



rn= 3947 VPB46 D-85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.03 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-101102, 1419

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 55 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 3 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |
| Chlorodifluoromethan | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 3948

VPB46 D-86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210673.04 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-152153, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <1 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 3949 VPB46 D-87

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

**Email: ecotestlab@aol.com Website: www.ecotestlabs.com**

LAB NO:210673.05 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-DUP1, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rn= 3950

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.06 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/09/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-RB010901, 1010

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 3951

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.07 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/09/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-202203, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 5 |
| 1,1 Dichloroethane | ug/L | 13 |
| 1,2 Dichloroethene | ug/L | 7 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | 7 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 7 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 5 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 9 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.01 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-TB021201, 0915

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 5 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 4443

VPB46 D-91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210758.02 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-220221, 1154

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 7 |
| 1,1 Dichloroethane | ug/L | 32 |
| 1,2 Dichloroethene | ug/L | 6 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 8 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 28 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 23 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210758.03 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-241242, 1316

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 5 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | 12 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 4 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3 |

cc:

REMARKS:

DIRECTOR



rn= 4445 VPB46 D-93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.04 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-281282, 1621

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 3 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 6 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4446 VPB46 D-94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.05 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-301302, 1042

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 4 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 3 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4447 VPB46 D-95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210758.06 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-RB021301, 1056

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichlorоethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4448 VPB46 D-96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.07 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-341342, 1325

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4449 VPB46 D-97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.08 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-361362, 1500

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 5 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210758.09 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-381382, 1725

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 7 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4451

VPB46 D-99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:210758.10 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-402403, 1030

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | 4 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 4452

VPB46 D-100

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:210808.01 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-TB021401, 0730

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4871

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:210808.02 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-422423, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4872 VPB46 D-102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.03 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-DM440, 1240

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 20 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 4873 VPB46 D-103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.04 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-441442, 1410

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4874 VPB46 D-104

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:210808.05 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-461462, 1630

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4875 VPB46 D-105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.06 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-DUP2, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4876 VPB46 D-106

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.07 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/15/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-491492, 1458

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 4877

VPB46 D-107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.08 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/15/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-502503, 1756

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | < |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4878 VPB46 D-108

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.09 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-521522, 1045

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 4879 VPB46 D-109

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.01 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-TB-021901, 1020

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5201 VPB46 D-110

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.02 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/19/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-541542, 1320

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 21 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5202

VPB46 D-111

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.03 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/19/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-561562, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 29 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5203 VPB46 D-112

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.04 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-581582, 1025

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 23 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected report; value for 2-butanone and acetone were corrected (correction of typographical error).

DIRECTOR



rn= 5204 VPB46 D-113

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.05 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-601602, 1220

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5205 VPB46 D-114

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.06 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-621622, 1415

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 11 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5206 VPB46 D-115

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.01 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-TB-022101, 1021

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | < |
| c-1,3Dichloropropene | ug/L | <. |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5450 VPB46 D-116

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.02 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-VPB-46-641642, 1625

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5451 VPB46 D-117

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.03 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/23/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-VPB-46-661662, 1310

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5452

VPB46 D-118

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.04 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/23/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-RB-022301, 1335

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5453 VPB46 D-119

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.01 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-TB-022601, 1632

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5771

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.02 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-671672, 1515

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5772 VPB46 D-121

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.03 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-692693, 1110

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5773

VPB46 D-122

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.04 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-702703, 1305

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 5774 VPB46 D-123

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.01 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-022801, 0150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | < |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.02 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-722723, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6016

VPB46 D-125

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.03 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-741742, 1450

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6017

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:211040.04 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-762763, 1715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6018 VPB46 D-127

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.01 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-TB030801, 0715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.02 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-781782, 1600

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6696 VPB46 D-129

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.03 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-DUP3, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 13 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6697 VPB46 D-130

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.04 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-DM790

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 6856

VPB46 D-131

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214831.00 09/19/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/13/01 RECEIVED:09/14/01

SAMPLE: Water sample, BP-VPB50-5051, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <2 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 27295 VPB50 E-70 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214910.01 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-150151, 1440

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 5 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rp= 27752 VPB50 E-71 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.02 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-201202, 1635

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.03 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-DUP1, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 3 |
| 1,1 Dichloroethane | ug/L | 5 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 4 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rp= 27754 VPB50 E-73 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214910.04 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-221222, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214910.05 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-TB-091801, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



mp- 27756 VPB50 E-75 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.06 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-242243, 1312

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 27757 VPB50 E-76 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.07 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-261262, 1512

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.08 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-282283, 1655

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214910.09 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-301302, 1020

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.01 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COLLECTED:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-TB-091901, 1200

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 28060 VPB50 E-80 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.02 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-341342, 1235

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28061 VPB50 E-81 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214967.03 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-361362, 1423

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214967.04 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-DUP2, 0000

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 28063 VPB50 E-83 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.05 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, DM-380, 1450

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.06 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-390391, 1015

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 28065 VPB50 E-85 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.07 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COLLECTED:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-401402, 1155

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.08 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-440441, 1545

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.09 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/21/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-RB-092101, 0745

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.01 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/24/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-092401, 1050

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR



rp= 28478 VPB50 E-89 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.02 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/24/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-500501, 1705

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR

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LAB NO:215045.03 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-520521, 0937

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR



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LAB NO:215045.04 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-540541, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:215045.05 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-561562, 1324

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR



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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:215045.06 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-000601, 1025

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28483 VPB50 E-94 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.01 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-TB-092601, 1145

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 28800 VPB50 E-95 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.02 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-621622, 1220

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 28801 VPB50 E-96 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.03 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-641642, 1408

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



28802 VPB50 E-97 Page 1 of 1

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.04 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-662663, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.05 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-DUP3, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 28804 VPB50 E-99 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:215096.06 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/27/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-691692, 1015

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:215096.07 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/27/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-740741, 1705

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



TP- 28806 VPB50 E-101 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:215096.08 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/28/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-RB-092801, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.01 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/01/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-TB-100101, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.02 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-780781, 0930

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.03 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-800801, 1125

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 15 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | 2 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp- 29347 VPB50 E-105 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.04 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-820821, 1440

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Results confirmed by reanalysis of second sample vial.

DIRECTOR

# GM-38 Area Vertical Profile Boring Installation Summary Report

## Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

## U. S. Navy
## Engineering Field Activity Northeast

**Contract Number N62472-94-D-0398**

**Contract Task Order 812**

February 2002

Revised May 2002



TETRA TECH NUS, INC.

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214445.01 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-5254

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.02 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-100102

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.03 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-151152

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.04 08/28/01

Tetra Tech Nus, Inc.
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Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-201202

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 17 |

cc:

REMARKS:

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LAB NO:214445.05 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-231233

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.06 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-DUP 1

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 18 |

cc:

REMARKS:

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.10 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-241242

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.07 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-263264

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 28 |

cc:

REMARKS:

DIRECTOR



rn= 25350 VPB40 A-75 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214445.08 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-RB-082401

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214445.09 08/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-283284

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 320 |

cc:

REMARKS:

DIRECTOR Thomas Ryan



rn= 25352 VPB40 A-77 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.01 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-TB-082701, 1540

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.02 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/27/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-302303, 1150

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.03 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/27/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-342343, 1425

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.04 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-362363, 0920

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.05 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-382383, 1115

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



mp- 25795 VPB40 A-82 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.06 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-DUP2, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR



rn= 25796 VPB40 A-83 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.07 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-401402, 1305

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 5 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 10 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214526.08 09/04/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-422423, 1445

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.01 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-441442, 1020

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



mp- 26073 VPB40 A-86 Page 1 of 1

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.02 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-462463, 1225

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.03 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-481482, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



mp- 26075 VPB40 A-88 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.04 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-50~~1~~50~~2~~, 1555

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.05 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-RB-083001, 1430

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26077 VPB40 A-90 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.06 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-TB-083001, 1535

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26078 VPB40 A-91 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.08 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-521522, 1735

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214586.07 09/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/31/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-541542, 0935

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.01 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-561562, 1340

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 26454 VPB40 A-94 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.02 09/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-582583, 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR



rn= 26455 VPB40 A-95 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.02 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-5~~61~~21583, 1530

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rp= 26455 VPB40 A-96 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.03 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-DM-600, 0800

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.04 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-601602, 0930

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.05 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-DUP3, 1000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26458 VPB40 A-99 Page 1 of 1

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.06 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-621622 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26459 VPB40 A-100 Page 1 of 1

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.07 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-641642 1240

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.08 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-682683 1455

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 26461 VPB40 A-102 Page 1 of 1

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.09 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-702703 1725

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26462 VPB40 A-103 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214664.10 09/11/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-TB-090401 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214679.01 09/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-721722, 0930

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <1 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26568 VPB40 A-105 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214679.02 09/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-741742, 1035

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <1 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 26569 VPB40 A-106 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214679.02 09/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-741742, 1055

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <1 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Corrected Report.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214679.03 09/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/31/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-TB-090601

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <1 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 26570 VPB40 A-108 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214679.04 09/12/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-RB-090601, 1130

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <1 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212428.02 05/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/16/01

SAMPLE: Water sample, BP-TB-051501, 1015

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 14124 VPB47 B-72

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212428.01 05/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/15/01 RECEIVED:05/16/01

SAMPLE: Water sample, BP-VPB-47-052053, 1620

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <5 |
| Vinyl Chloride | ug/L | <5 |
| Chloroethane | ug/L | <5 |
| Methylene Chloride | ug/L | <5 |
| Acetone | ug/L | <50 |
| Carbon disulfide | ug/L | <5 |
| 1,1 Dichloroethene | ug/L | <5 |
| 1,1 Dichloroethane | ug/L | 8 |
| 1,2 Dichloroethene | ug/L | <5 |
| Chloroform | ug/L | <5 |
| 1,2 Dichloroethane | ug/L | <5 |
| 2-Butanone | ug/L | <50 |
| 111 Trichloroethane | ug/L | <5 |
| Carbon Tetrachloride | ug/L | <5 |
| Bromodichloromethane | ug/L | <5 |
| 1,2 Dichloropropane | ug/L | <5 |
| 112 Trichloroethane | ug/L | <5 |
| Benzene | ug/L | <5 |
| Bromoform | ug/L | <5 |
| 4-Methyl-2-Pentanone | ug/L | <50 |
| 2-Hexanone | ug/L | <50 |
| Tetrachloroethene | ug/L | <5 |
| Toluene | ug/L | <5 |
| 1122Tetrachloroethan | ug/L | <5 |
| Chlorobenzene | ug/L | <5 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <5 |
| Styrene | ug/L | <5 |
| o Xylene | ug/L | <5 |
| m + p Xylene | ug/L | <10 |
| Xylene | ug/L | <15 |
| Bromomethane | ug/L | <5 |
| ter.ButylMethylEther | ug/L | <5 |
| Freon 113 | ug/L | <5 |
| Trichlorofluomethane | ug/L | <5 |
| Dichlordifluomethane | ug/L | <5 |
| c-1,3Dichloropropene | ug/L | <5 |
| t-1,3Dichloropropene | ug/L | <5 |
| Trichloroethene | ug/L | <5 |

cc:

REMARKS: Elevated detection limits due to foaming.

DIRECTOR



rn= 14123

VPB47 B-73

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.02 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-TB-051601-2, 1010

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.05 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-132133, 1425

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 12 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 14337 VPB47 B-75

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.06 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-152153, 1600

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rm= 14338 VPB47 B-76

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.07 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-212213, 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 34 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14339 VPB47 B-77

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212473.08 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-222223, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 6 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 5 |

cc:

REMARKS:

DIRECTOR



rn= 14340 VPB47 B-78

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
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LAB NO:212473.09 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-242243, 1355

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 9 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 28 |

cc:

REMARKS:

DIRECTOR



rn= 14341 VPB47 B-79

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.10 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-DUP1, 1410

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 21 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 8 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 27 |

cc:

REMARKS:

DIRECTOR



rp= 14342 VPB47 B-80

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.11 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-262263, 1535

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 180 |

cc:

REMARKS:

DIRECTOR



rn= 14343 VPB47 B-81

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:212473.12 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-282283, 1700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 52 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 180 |

cc:

REMARKS:

DIRECTOR



rp= 14344 VPB47 B-82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.13 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-DM210, 0940

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 64 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14345 VPB47 B-83

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.26 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-302303, 0900

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 45 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 280 |

cc:

REMARKS:

DIRECTOR



rp= 14358 VPB47 B-84

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.27 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-RB-051801, 0910

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14359 VPB47 B-85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212557.05 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-TB-052101-2, 1535

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14859 VPB47 B-86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.06 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-344345, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 4 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | 460 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 7 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 240 |

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR



rn= 14860 VPB47 B-87

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:212557.07 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-382383, 1550

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 60 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 120 |

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR



rp= 14861 VPB47 B-88

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.10 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-402403, 0940

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | 170 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 770 |

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR



rn= 14864 VPB47 B-89

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.11 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-422423, 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 2 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 18 |

cc:

REMARKS:

DIRECTOR



rn= 14865 VPB47 B-90

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.10 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-RB-052501, 0900

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15163 VPB47 B-91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.11 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-47-482483, 1340

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 110 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 8 |

cc:

REMARKS:

DIRECTOR



rp= 15164

VPB47 B-92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.02 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-TB-052301-2, 1541

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15155 VPB47 B-93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.01 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-TB-052901, 1401

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15801

VPB47 B-94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.02 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-532533, 1545

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15802 VPB47 B-95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.03 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-DUP2, 1555

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 33 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | 2 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | 34 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15803

VPB47 B-96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.09 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-541542, 0900

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 8 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 15809 VPB47 B-97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.10 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-561562, 1105

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 8 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rn= 15810 VPB47 B-98

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.11 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-592593, 1445

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15811 VPB47 B-99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.12 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-601602, 1625

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | 15 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15812

VPB47 B-100

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.19 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/31/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-622623, 0920

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 17 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | 16 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15819 VPB47 B-101

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.20 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/31/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-671672, 1750

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15820 VPB47 B-102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.21 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-681682, 0855

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 25 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | 18 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.22 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-701702, 1050

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | 1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15822

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212741.23 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-RB060101, 0910

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.01 06/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-TB-060401, 0945

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.02 06/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-721722, 1345

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | 16 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.03 06/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-741742, 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 28 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | 55 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | 58 |
| 2-Hexanone | ug/L | 320 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212844.08 06/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-DM740, 1400

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.01 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-TB-051601, 1001

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.03 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-102103, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14335 VPB48 C-73 )

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.04 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-151152, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



14826 VPB48 C 74

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212473.14 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-201202, 0930

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 4 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 100 |

cc:

REMARKS:

DIRECTOR



rn= 14346 VPB48 C-75

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212473.15 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-222223, 1050

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 14 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 54 |

cc:

REMARKS:

DIRECTOR



14347 VPB48 C-76

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:212473.16 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-242243, 1225

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 20 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | 3 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 14348 VPB48 C-77

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.17 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-DM260, 1240

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | 19 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



14240 VPB48 C-78

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.18 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-262263, 1425

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 6 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 88 |

cc:

REMARKS:

DIRECTOR



rn= 14350 VPB48 C-79

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:212473.19 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-RB-051701, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



14351 VPB48 C-80

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.20 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-282283, 1600

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 6 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 23 |

cc:

REMARKS:

DIRECTOR



rn= 14352 VPB48 C-81

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.21 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-DUP1, 1700

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 6 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 23 |

cc:

REMARKS:

DIRECTOR



14353 VPB48 C-82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.22 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-302303, 1740

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 2 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 31 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.23 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-322323, 0915

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 22 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 4 |

cc:

REMARKS:

DIRECTOR



mp- 14355 VPB48 C-84

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.24 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-342343, 1046

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 20 |

cc:

REMARKS:

DIRECTOR



rn= 14356 VPB48 C-85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212473.25 05/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-362363, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 30 |

cc:

REMARKS:

DIRECTOR



rn= 14357 VPB48 C-86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.01 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-TB-052101, 1545

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14855 VPB48 C-87

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.02 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-382383, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3 |

cc:

REMARKS:

DIRECTOR



rn= 14856 VPB48 C-88

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.03 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-402403, 1405

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | 4 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 45 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.04 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-422423, 1540

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14858 VPB48 C-90

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.08 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-442443, 0940

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 14862 VPB48 C-91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212557.09 05/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-RB-052201, 1320

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 14863 VPB48 C-92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.01 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-TB-052301, 1523

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15154 VPB48 C-93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.03 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-482483, 0920

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 15156 VPB48 C-94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.04 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-502503, 1055

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15157 VPB48 C-95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.05 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-522523, 1240

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15158 VPB48 C-96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.06 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-542543, 1425

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15159 VPB48 C-97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.07 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-562563, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15160 VPB48 C-98 0

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.08 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-582583, 1750

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15161 VPB48 C-99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212618.09 06/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-602603, 0850

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15162 VPB48 C-100

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.04 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-TB-052901-48, 0950

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.05 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-620621, 1240

| ANALYTICAL PARAMETERS | | | ANALYTICAL PARAMETERS | | |
|---|---|---|---|---|---|
| Chloromethane | ug/L | <1 | Ethyl Benzene | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 | Styrene | ug/L | <1 |
| Chloroethane | ug/L | <1 | o Xylene | ug/L | <1 |
| Methylene Chloride | ug/L | <1 | m + p Xylene | ug/L | <2 |
| Acetone | ug/L | <10 | Xylene | ug/L | <3 |
| Carbon disulfide | ug/L | <1 | Bromomethane | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 | ter.ButylMethylEther | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 | Freon 113 | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 | Trichlorofluomethane | ug/L | <1 |
| Chloroform | ug/L | <1 | Dichlordifluomethane | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 | c-1,3Dichloropropene | ug/L | <1 |
| 2-Butanone | ug/L | <10 | t-1,3Dichloropropene | ug/L | <1 |
| 111 Trichloroethane | ug/L | <1 | Trichloroethene | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 | | | |
| Bromodichloromethane | ug/L | <1 | | | |
| 1,2 Dichloropropane | ug/L | <1 | | | |
| 112 Trichloroethane | ug/L | <1 | | | |
| Benzene | ug/L | <1 | | | |
| Bromoform | ug/L | <1 | | | |
| 4-Methyl-2-Pentanone | ug/L | <10 | | | |
| 2-Hexanone | ug/L | <10 | | | |
| Tetrachloroethene | ug/L | <1 | | | |
| Toluene | ug/L | <1 | | | |
| 1122Tetrachloroethan | ug/L | <1 | | | |
| Chlorobenzene | ug/L | <1 | | | |

cc:

REMARKS:

DIRECTOR



rn= 15805 VPB48 C-102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.06 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-641642, 1440

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15806 VPB48 C-103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.07 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-661662, 1715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 15807 VPB48 C-104

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.08 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-DUP2, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15808 VPB48 C-105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.13 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-681682, 0915

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15813 VPB48 C-106

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.14 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-701702, 1110

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15814 VPB48 C-107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.15 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-721722, 1310

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15815 VPB48 C-108

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.16 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-741742, 1510

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 15816 VPB48 C-109

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.17 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-RB053001-48, 1620

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:212741.18 06/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-DUP3, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.01 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-052053, 1145

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.02 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-101102, 1400

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.03 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-151152, 1605

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.04 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-RB-071801, 1620

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213738.05 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/16/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-TB-071801, 1202

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.06 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-202203, 1330

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 28 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 110 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 32 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR



rpt= 21506 VPB51 D-78 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.07 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-DM200, 1010

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 18 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.08 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-222223, 1525

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 2 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 10 |
| 1,1 Dichloroethane | ug/L | 2 |
| 1,2 Dichloroethene | ug/L | 30 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 15 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 790 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | 2 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 30 |

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213820.01 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-222223*, 1525

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <20 |
| Vinyl Chloride | ug/L | <20 |
| Chloroethane | ug/L | <20 |
| Methylene Chloride | ug/L | <20 |
| Acetone | ug/L | <200 |
| Carbon disulfide | ug/L | <20 |
| 1,1 Dichloroethene | ug/L | <20 |
| 1,1 Dichloroethane | ug/L | <20 |
| 1,2 Dichloroethene | ug/L | 30 |
| Chloroform | ug/L | <20 |
| 1,2 Dichloroethane | ug/L | <20 |
| 2-Butanone | ug/L | <200 |
| 111 Trichloroethane | ug/L | <20 |
| Carbon Tetrachloride | ug/L | <20 |
| Bromodichloromethane | ug/L | <20 |
| 1,2 Dichloropropane | ug/L | <20 |
| 112 Trichloroethane | ug/L | <20 |
| Benzene | ug/L | <20 |
| Bromoform | ug/L | <20 |
| 4-Methyl-2-Pentanone | ug/L | <200 |
| 2-Hexanone | ug/L | <200 |
| Tetrachloroethene | ug/L | 700 |
| Toluene | ug/L | <20 |
| 1122Tetrachloroethan | ug/L | <20 |
| Chlorobenzene | ug/L | <20 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <20 |
| Styrene | ug/L | <20 |
| o Xylene | ug/L | <20 |
| m + p Xylene | ug/L | <40 |
| Xylene | ug/L | <60 |
| Bromomethane | ug/L | <20 |
| ter.ButylMethylEther | ug/L | <20 |
| Freon 113 | ug/L | <20 |
| Trichlorofluomethane | ug/L | <20 |
| Dichlordifluomethane | ug/L | <20 |
| c-1,3Dichloropropene | ug/L | <20 |
| t-1,3Dichloropropene | ug/L | <20 |
| Trichloroethene | ug/L | 35 |

cc:

REMARKS: * Sample was reanalysized at client's request, Lab #213738.08.

DIRECTOR

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LAB NO:213738.09 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-241242, 1705

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 300 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 9 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | 1100 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 900 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | 1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 830 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213820.02 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-241242*, 1705

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <20 |
| Vinyl Chloride | ug/L | 300 |
| Chloroethane | ug/L | <20 |
| Methylene Chloride | ug/L | <20 |
| Acetone | ug/L | <200 |
| Carbon disulfide | ug/L | <20 |
| 1,1 Dichloroethene | ug/L | <20 |
| 1,1 Dichloroethane | ug/L | <20 |
| 1,2 Dichloroethene | ug/L | 970 |
| Chloroform | ug/L | <20 |
| 1,2 Dichloroethane | ug/L | <20 |
| 2-Butanone | ug/L | <200 |
| 111 Trichloroethane | ug/L | <20 |
| Carbon Tetrachloride | ug/L | <20 |
| Bromodichloromethane | ug/L | <20 |
| 1,2 Dichloropropane | ug/L | <20 |
| 112 Trichloroethane | ug/L | <20 |
| Benzene | ug/L | <20 |
| Bromoform | ug/L | <20 |
| 4-Methyl-2-Pentanone | ug/L | <200 |
| 2-Hexanone | ug/L | <200 |
| Tetrachloroethene | ug/L | 910 |
| Toluene | ug/L | <20 |
| 1122Tetrachloroethan | ug/L | <20 |
| Chlorobenzene | ug/L | <20 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <20 |
| Styrene | ug/L | <20 |
| o Xylene | ug/L | <20 |
| m + p Xylene | ug/L | <40 |
| Xylene | ug/L | <60 |
| Bromomethane | ug/L | <20 |
| ter.ButylMethylEther | ug/L | <20 |
| Freon 113 | ug/L | <20 |
| Trichlorofluomethane | ug/L | <20 |
| Dichlordifluomethane | ug/L | <20 |
| c-1,3Dichloropropene | ug/L | <20 |
| t-1,3Dichloropropene | ug/L | <20 |
| Trichloroethene | ug/L | 830 |

cc:

REMARKS: * Sample was reanalysized at client's request, Lab #213738.09.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213738.10 08/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/20/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-261262, 0955

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 5 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 11 |
| Toluene | ug/L | 1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 6 |

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.01 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-TB-072301, 0915

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 21998 VPB51 D-85 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213818.02 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-282283, 1235

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.03 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-301302, 1435

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 1 |
| 1,2 Dichloroethene | ug/L | 49 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 220 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 110 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.04 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-321322, 1623

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | 2 |
| 1,1 Dichloroethane | ug/L | 4 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | 1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | 2 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 150 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 83 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.05 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-DUP1, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.06 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-341342, 1005

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 7 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 12 |
| Toluene | ug/L | 2 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 13 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213818.07 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-361362, 1152

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 12 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 3 |
| Toluene | ug/L | 3 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 1 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213818.08 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-381382, 1402

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | 4 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rp= 22005 VPB51 D-92 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213818.09 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-402403, 1610

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 6 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213818.10 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-DUP2, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 3 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 5 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213818.11 07/30/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-421422, 1134

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.01 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-TB-072501, 1215

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.02 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-441442, 1505

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 2 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.03 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-461462, 1710

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | 17 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 2 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 25 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213892.04 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-DUP3, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | 3 |
| 1,2 Dichloroethene | ug/L | 19 |
| Chloroform | ug/L | 2 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | 2 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 27 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.05 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-481482, 1140

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS: Reanalyzed from second vial to confirm results.

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.06 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-RB-072601, 1530

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:213892.07 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-511512, 1735

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 11 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 27 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213892.08 08/01/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/27/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-521522, 1004

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | 16 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213966.01 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/30/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-TB073001, 0900

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213966.02 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/30/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-541542, 1715

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 3 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 11 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 10 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 5 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213966.03 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-562563, 1158

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | 2 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 6 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 6 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213966.04 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-580581, 1402

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 4 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 5 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | 3 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213966.05 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-601602, 1615

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

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LAB NO:213966.08 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-620621, 1000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:213966.06 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-DUP4, 0000

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:213966.07 08/07/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-RB-08101, 1015

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214020.01 08/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-TB080101, 1145

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR



rn= 23074 VPB51 D-112 Page 1 of 1

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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LAB NO:214020.02 08/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-641642, 1200

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214020.03 08/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-701702, 0957

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214020.04 08/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-721722, 1230

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | 1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | 2 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214020.05 08/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-782783, 1655

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Chloromethane | ug/L | <1 |
| Vinyl Chloride | ug/L | <1 |
| Chloroethane | ug/L | <1 |
| Methylene Chloride | ug/L | <1 |
| Acetone | ug/L | <10 |
| Carbon disulfide | ug/L | <1 |
| 1,1 Dichloroethene | ug/L | <1 |
| 1,1 Dichloroethane | ug/L | <1 |
| 1,2 Dichloroethene | ug/L | <1 |
| Chloroform | ug/L | <1 |
| 1,2 Dichloroethane | ug/L | <1 |
| 2-Butanone | ug/L | <10 |
| 111 Trichloroethane | ug/L | <1 |
| Carbon Tetrachloride | ug/L | <1 |
| Bromodichloromethane | ug/L | <1 |
| 1,2 Dichloropropane | ug/L | <1 |
| 112 Trichloroethane | ug/L | <1 |
| Benzene | ug/L | <1 |
| Bromoform | ug/L | <1 |
| 4-Methyl-2-Pentanone | ug/L | <10 |
| 2-Hexanone | ug/L | <10 |
| Tetrachloroethene | ug/L | <1 |
| Toluene | ug/L | <1 |
| 1122Tetrachloroethan | ug/L | <1 |
| Chlorobenzene | ug/L | <1 |

| ANALYTICAL PARAMETERS | | |
|---|---|---|
| Ethyl Benzene | ug/L | <1 |
| Styrene | ug/L | <1 |
| o Xylene | ug/L | <1 |
| m + p Xylene | ug/L | <2 |
| Xylene | ug/L | <3 |
| Bromomethane | ug/L | <1 |
| ter.ButylMethylEther | ug/L | <1 |
| Freon 113 | ug/L | <1 |
| Trichlorofluomethane | ug/L | <1 |
| Dichlordifluomethane | ug/L | <1 |
| c-1,3Dichloropropene | ug/L | <1 |
| t-1,3Dichloropropene | ug/L | <1 |
| Trichloroethene | ug/L | <1 |

cc:

REMARKS:

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.01 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-040302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-51

rn = 11153 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.01 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-040302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-52
1348 of 2020

rn = 11154 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.02 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-42-052053

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ¹,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| chloroform | ug/L | 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-53

DIRECTOR

rn = 11155 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.02 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-42-052053

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-54



rn = 11156 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.03 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-RB-040302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-55 DIRECTOR



1351 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.03 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-RB-040302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA826[illegible] |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA82[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-56
1352 of 2020

rn = 11158 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.04 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-42-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-57

DIRECTOR

rn = 11159 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.04 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-42-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-58



rn = 11160 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.05 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-152153

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/09/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| ¹.1 Dichloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| ɔhloroform | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/09/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/09/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/09/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-59

rn = 11161 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.05 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-152153

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/09/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/09/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/09/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/09/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-60

DIRECTOR

rn = 11162 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.06 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-61

rn = 11163 NYSDOH ID # 10320 

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.06 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/03/02 RECEIVED:04/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-62



rn = 11164 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.07 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-DM200

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-63

rn = 11165 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.07 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-DM200

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-64



rn = 11166 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.08 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-42-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 3 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 9 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 6 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

21 ug/L

VPB42 E-65

DIRECTOR

rn = 11167 NYSDOH ID # 10320 

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.08 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-42-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 11 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-66

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.09 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1055
MATRIX:Water SAMPLE: BP-VPB-42-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-67

rn = 11169 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.09 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1055
MATRIX:Water SAMPLE: BP-VPB-42-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA826ᑎ |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA82ᑭ |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826ᑌ |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-68



rn = 11170 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.10 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-241242

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 2 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-69

DIRECTOR

rn = 11171 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.10 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-241242

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-70



rn = 11172 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.11 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ¹,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ɔhloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-71

rn = 11173 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.11 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-72



rn = 11174 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.12 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-42-281282

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-73

DIRECTOR

rn = 11175 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.12 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/02 RECEIVED:04/05/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-42-281282

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826( |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-74

DIRECTOR



rn = 11176 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.13 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/05/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-301302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | 15 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-75

DIRECTOR

rn = 11177 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.13 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/05/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-301302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-76

rn = 11178 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.14 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/05/02 RECEIVED:04/05/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-42-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 1 | | 04/06/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 4 | | 04/06/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chloroform | ug/L | 2 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 3 | | 04/06/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/06/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

10 ppb

VPB42 E-77

DIRECTOR

rn = 11179 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221536.14 04/10/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/05/02 RECEIVED:04/05/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-42-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/06/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/06/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA826( |
| Dichlordifluomethane | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/06/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 1 | | 04/06/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-78

rn = 11180 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.01 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:0830
MATRIX:Water SAMPLE: BP-TB-040802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-79 DIRECTOR

rn = 11581 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.01 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:0830
MATRIX:Water SAMPLE: BP-TB-040802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-80

rn = 11582 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.02 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1035
MATRIX:Water SAMPLE: BP-VPB-42-341342

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 4 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

6 ug/L

VPB42 E-81

DIRECTOR

rn = 11583 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.02 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1035
MATRIX:Water SAMPLE: BP-VPB-42-341342

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 2 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-82

DIRECTOR

rn = 11584 NYSDOH ID # 10320 Page 2 of 2

1378 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.03 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 4 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-83

DIRECTOR

rn = 11585 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.03 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 2 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-84

rn = 11586 NYSDOH ID # 10320 Page 2 of 2

1380 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.04 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-RB-040802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-85

rn = 11587 NYSDOH ID #10320 Page 1 of 2

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.04 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-RB-040802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-86

rn = 11588 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.05 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1215

MATRIX:Water SAMPLE: BP-VPB-42-361362

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 2 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

3 ug/L

VPB42 E-87

DIRECTOR

rn = 11589 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.05 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-361362

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VP842 E-88

DIRECTOR

rn = 11590 NYSDOH ID # 10320 Page 2 of 2

1884 of 2030

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.06 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-89

DIRECTOR

rn = 11591 NYSDOH ID # 10320 

135 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.06 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-90

DIRECTOR

rn = 11592 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.07 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1515
MATRIX:Water SAMPLE: BP-VPB-42-401402

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| ıloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-91

DIRECTOR

rn = 11593 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.07 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/08/02 RECEIVED:04/10/02
TIME COL'D:1515
MATRIX:Water SAMPLE: BP-VPB-42-401402

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-92

DIRECTOR

rn = 11594 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.08 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:0855
MATRIX:Water SAMPLE: BP-VPB-42-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-93

DIRECTOR

rn = 11595 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.08 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:0855
MATRIX:Water SAMPLE: BP-VPB-42-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-94

DIRECTOR

rn = 11596 NYSDOH ID # 10320 Page 2 of 2

1390 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.09 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1020
MATRIX:Water SAMPLE: BP-VPB-42-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-95 DIRECTOR

rn = 11597 NYSDOH ID #10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.09 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1020
MATRIX:Water SAMPLE: BP-VPB-42-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA82[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA82[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-96

DIRECTOR

rn = 11598 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.10 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1200
MATRIX:Water SAMPLE: BP-VPB-42-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 11 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-97 DIRECTOR

rn = 11599 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.10 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1200
MATRIX:Water SAMPLE: BP-VPB-42-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

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LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-98

DIRECTOR

rn = 11600 NYSDOH ID # 10320



134 of 202

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.11 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-42-481482

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| ɔnloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

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LRL=Laboratory Reporting Limit

REMARKS:

VPB42E-99

DIRECTOR

rn = 11601 NYSDOH ID #10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.11 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-42-481482

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-100

DIRECTOR

rn = 11602 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.12 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-DM500

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 35 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

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LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-101 DIRECTOR

rn = 11603 NYSDOH ID # 10320 Page 1 of 2

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**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.12 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-DM500

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-102

DIRECTOR

rn = 11604 NYSDOH ID # 10320 

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.13 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-501502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 25 | | 04/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/11/02 | 1 | EPA8260 |
| loroform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-103 DIRECTOR

rn = 11605 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221580.13 04/16/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/09/02 RECEIVED:04/10/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-501502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-104 DIRECTOR

rn = 11606 NYSDOH ID#10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.01 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-041002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| loroform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-105 DIRECTOR

rn = 11876 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.01 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-041002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/15/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826′ |
| Dichlordifluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826، |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-106

DIRECTOR

rn = 11877 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.02 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:0945
MATRIX:Water SAMPLE: BP-VPB-42-521522

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| loroform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 42 E-107

DIRECTOR

rn = 11878 NYSDOH ID # 10320



1403 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.02 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:0945
MATRIX:Water SAMPLE: BP-VPB-42-521522

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/15/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-108

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.03 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:1155
MATRIX:Water SAMPLE: BP-VPB-42-541542

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 04/15/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-109 DIRECTOR

rn = 11880 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221600.03 04/17/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/10/02 RECEIVED:04/11/02
TIME COL'D:1155
MATRIX:Water SAMPLE: BP-VPB-42-541542

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 04/15/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 04/15/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826 |
| Dichlordifluomethane | ug/L | < 1 | | 04/15/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 04/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-110 DIRECTOR

rn = 11881 NYSDOH ID # 10320 Page 2 of 2

1486 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.01 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-030602

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-53

rn = 7265 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.01 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-030602

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/08/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/08/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA82 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-54

rn = 7266 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.02 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-052053

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-55

DIRECTOR

rn = 7267 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.02 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-052053

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-56

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.03 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-49C-101102

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| .,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-57

DIRECTOR



141 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.03 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/02 RECEIVED:03/08/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-49C-101102

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 4 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA826u |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-58 DIRECTOR

rn = 7270 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.04 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-49C-152153

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 26 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-59

rn = 7271 NYSDOH ELAP #10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.04 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-49C-152153

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8? |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-60

DIRECTOR

rn = 7272 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.05 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-RB-030702

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| ,2 Dichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/08/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-61

rn = 7273 NYSDOH ELAP #10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.05 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-RB-030702

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/08/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/08/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/08/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-62 DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.06 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 34 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-63

DIRECTOR

rn = 7275 NYSDOH ID # 10320 4/17/2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.06 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-64

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.07 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1415
MATRIX:Water SAMPLE: BP-VPB-49C-DM200

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 29 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-65

rn = 7277 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.07 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1415
MATRIX:Water SAMPLE: BP-VPB-49C-DM200

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-66

DIRECTOR

rn = 7278 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.08 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-49C-201202

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC. METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 30 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-67

DIRECTOR

rn = 7279 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.08 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-49C-201202

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-68



rn = 7280 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.09 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1705
MATRIX:Water SAMPLE: BP-VPB-49C-221222

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-69

DIRECTOR

rn = 7281 NYSDOH ID # 10320 Page 1 of 2

1423 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.09 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/07/02 RECEIVED:03/08/02
TIME COL'D:1705
MATRIX:Water SAMPLE: BP-VPB-49C-221222

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA826 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-70 DIRECTOR

rn = 7282 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.10 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/02 RECEIVED:03/08/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-49C-242243

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | 31 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ,2 Dichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-71

rn = 7283 NYSDOH 11451 ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.10 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/02 RECEIVED:03/08/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-49C-242243

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-72

rn = 7284 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.11 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/02 RECEIVED:03/08/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-49C-261262

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 3 | | 03/11/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 11 | | 03/11/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | 1 | | 03/11/02 | 1 | EPA8260 |
| loroform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 7 | | 03/11/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/11/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-73

DIRECTOR

rn = 7285 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221052.11 03/14/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/02 RECEIVED:03/08/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-49C-261262

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/11/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/11/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| Dichlordifluomethane | ug/L | < 1 | | 03/11/02 | 1 | EPA82 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/11/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 35 | | 03/11/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-74



rn = 7286 NYSDOH ID # 10320 Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.01 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1125
MATRIX:Water SAMPLE: BP-TB-031102

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-75

rn = 7850 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.01 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1125
MATRIX:Water SAMPLE: BP-TB-031102

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8' |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-76

rn = 7851 NYSDOH ID # 10320



Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.02 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-281282

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-77 DIRECTOR

rn = 7852 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.02 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-281282

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA82[illegible] |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-78

DIRECTOR

rn = 7853 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.03 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-49C-301302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 7 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 5 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-79

rn = 7854 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.03 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-49C-301302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 27 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-80

rn = 7855 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.04 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 7 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 5 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-'81

rn = 7856 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.04 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/02 RECEIVED:03/13/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 29 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.05 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-321322

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-83

DIRECTOR

rn = 7858 NYSDOH ID # 10320

1437 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.05 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-321322

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTIC METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-84

rn = 7859 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.06 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-342343

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 5 | | 03/14/02 | 1 | EPA8260 |
| ',2 Dichloroethene | ug/L | 5 | | 03/14/02 | 1 | EPA8260 |
| hloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | 4 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-85

rn = 7860 NYSDOH ID #10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.06 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-342343

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA82 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 40 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-86

rn = 7861 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.07 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | 17 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-87

rn = 7862 NYSDOH ID # 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.07 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/12/02 RECEIVED:03/13/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 6 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-88

rn = 7863 NYSDOH ID # 10320  Page 2 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.08 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-411412

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-89

DIRECTOR

rn = 7864 NYSDOH ID # 10320



1443 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.08 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-411412

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8[illegible] |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA82[illegible] |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-90

DIRECTOR

rn = 7865 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.09 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Acetone | ug/L | 14 | | 03/14/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/14/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Toluene | ug/L | 2 | | 03/14/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-91 DIRECTOR

rn = 7866 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221142.09 03/15/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICA METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/14/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/14/02 | 1 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8 |
| Dichlordifluomethane | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/14/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.01 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-TB-031302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 2 | | 03/15/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-93

DIRECTOR

rn = 8105 NYSDOH ID#10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.01 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-TB-031302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/15/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/15/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-94

DIRECTOR

rn = 8106 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.02 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-95

DIRECTOR

rn = 8107 NYSDOH ID#10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.02 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY:. Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 1 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-96

DIRECTOR

rn = 8108 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.03 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-49C-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB 49C F-97

rn = 8109 NYSDOH ID#10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.03 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-49C-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-98

rn = 8110 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.04 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1530
MATRIX:Water SAMPLE: BP-VPB-49C-481482

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ' 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| . Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-99

rn = 8111 NYSDOH ID# 10320 Page 1 of 2

1453 of 2020

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.04 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/13/02 RECEIVED:03/15/02
TIME COL'D:1530
MATRIX:Water SAMPLE: BP-VPB-49C-481482

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-100

DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.05 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-RB-031402

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| [illegible] Dichloroethene | ug/L | < 2 | | 03/15/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/15/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-101

DIRECTOR

rn = 8113 NYSDOH ID# 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.05 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-RB-031402

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/15/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/15/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/15/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.06 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0755
MATRIX:Water SAMPLE: BP-VPB-49C-DM500

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-103

DIRECTOR

rn = 8115 NYSDOH ID# 10320 Page 1 of 2

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.06 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0755
MATRIX:Water SAMPLE: BP-VPB-49C-DM500

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-104

rn = 8116 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.07 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-49C-501502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-105

rn = 8117 NYSDOH ID#10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.07 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-49C-501502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA826C |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-106

rn = 8118 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.08 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-49C-532533

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-107 DIRECTOR

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.08 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-49C-532533

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | 2 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA826C |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB 49C F-108

rn = 8120 NYSDOH ID # 10320

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.09 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:1505
MATRIX:Water SAMPLE: BP-VPB-49C-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1 1 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chloroform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 03/18/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-109 DIRECTOR

rn = 8121 NYSDOH ID# 10320 Page 1 of 2

1063 of 2000

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.221178.09 03/20/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/14/02 RECEIVED:03/15/02
TIME COL'D:1505
MATRIX:Water SAMPLE: BP-VPB-49C-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 03/18/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 03/18/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 03/18/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-110

DIRECTOR

rn = 8122 NYSDOH ID # 10320

684

N90845.PF.000684

# GM-39 and GM-73 Vertical Profile Boring and Monitoring Well Installation Summary Report

## Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

## Engineering Field Activity Northeast
## Naval Facilities Engineering Command

**Contract Number N62467-94-D-0888**

**Contract Task Order 812**

November 2002

TETRA TECH NUS, INC.

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.01 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/23/02 RECEIVED:09/25/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-TB-092302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/26/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/26/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/26/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/26/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/26/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34551 NYSDOH ID # 10320 Page 1 of 2

VPB39-A71

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.01 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/23/02 RECEIVED:09/25/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-TB-092302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/26/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/26/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/26/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34552 NYSDOH ID # 10320 Page 2 of 2

VPB39-A72

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.02 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/23/02 RECEIVED:09/25/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-39-062063

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34553 NYSDOH ID # 10320 Page 1 of 2

VPB39-AT3

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.02 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/23/02 RECEIVED:09/25/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-39-062063

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34554 NYSDOH ID # 10320 Page 2 of 2

VPB39-A74

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.03 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-39-082083

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34555 NYSDOH ID # 10320 

VPB39-A75

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.03 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-39-082083

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34556 NYSDOH ID # 10320 Page 2 of 2

VPB39-A76

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.04 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34557 NYSDOH ID # 10320 Page 1 of 2

VPB39-A77

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.04 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34558 NYSDOH ID # 10320 

VPB 39 - A78

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.05 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-39-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34559 NYSDOH ID # 10320 Page 1 of 2

VPB39-A79

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.05 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-39-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34560 NYSDOH ID # 10320 Page 2 of 2

VPB39-A80

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.06 10/01/02

Tetra Tech Nus, Inc.
uoster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1225
MATRIX:Water SAMPLE: BP-VPB-39-122123

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34561 NYSDOH ID # 10320 Page 1 of 2

VPB39-A81

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.06 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1225
MATRIX:Water SAMPLE: BP-VPB-39-122123

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34562 NYSDOH ID # 10320 Page 2 of 2

VPB39-A82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.07 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-39-142143

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34563 NYSDOH ID # 10320 

VPB39-AS3

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.07 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-39-142143

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 6 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34564 NYSDOH ID # 10320 Page 2 of 2

VPB39-A84

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.08 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0825
MATRIX:Water SAMPLE: BP-VPB-39-162163

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34565 NYSDOH ID # 10320 

VPB39-A85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.08 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0825
MATRIX:Water SAMPLE: BP-VPB-39-162163

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 3 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34566 NYSDOH ID # 10320 

VPB39-A86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.09 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34567 NYSDOH ID # 10320 Page 1 of 2

VPB39-A87

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.09 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34568 NYSDOH ID # 10320 Page 2 of 2

VPB39-A88

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.10 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-39-182183

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34569 NYSDOH ID # 10320 Page 1 of 2

VPB39-A89

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.10 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-39-182183

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34570 NYSDOH ID # 10320 Page 2 of 2

VPB39-A90

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.11 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:1110
MATRIX:Water SAMPLE: BP-VPB-39-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34571 NYSDOH ID # 10320 

VPB39-A91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.11 10/01/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02
TIME COL'D:1110
MATRIX:Water SAMPLE: BP-VPB-39-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 25 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34572 NYSDOH ID # 10320 Page 2 of 2

VPB39-A92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.01 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-TB-092502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34971 NYSDOH ID # 10320 

VPB39-A93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.01 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-TB-092502

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA82 |
| Trichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34972 NYSDOH ID # 10320 Page 2 of 2

VPB39-A94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.02 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:1220
MATRIX:Water SAMPLE: BP-VPB-39-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34973 NYSDOH ID # 10320 

VPB39-A95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.02 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:1220
MATRIX:Water SAMPLE: BP-VPB-39-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 2 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34974 NYSDOH ID # 10320 Page 2 of 2

VPB39-A96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.03 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-39-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34975 NYSDOH ID # 10320 Page 1 of 2

VPB39-A97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.03 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-39-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 120 | | 09/30/02 | 5 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34976 NYSDOH ID # 10320 Page 2 of 2

VPB39 - A98

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.04 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:0905
MATRIX:Water SAMPLE: BP-VPB-39-302303

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34977 NYSDOH ID # 10320 

VPB39-A99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.04 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:0905
MATRIX:Water SAMPLE: BP-VPB-39-302303

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 22 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34978 NYSDOH ID # 10320 Page 2 of 2

VPB39-A100

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.05 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-39-DM320

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/30/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/30/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/30/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/30/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/30/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34979 NYSDOH ID # 10320 

VPB39-A101

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.05 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-39-DM320

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/30/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/30/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/30/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/30/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/30/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 10 | | 09/30/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34980 NYSDOH ID # 10320 Page 2 of 2

VPB39-A102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.06 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1030
MATRIX:Water SAMPLE: BP-VPB-39-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34981 NYSDOH ID # 10320 

VPB39-A103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.06 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1030
MATRIX:Water SAMPLE: BP-VPB-39-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 11 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34982 NYSDOH ID # 10320 Page 2 of 2

VPB39-A104

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.07 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-39-342343

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34983 NYSDOH ID # 10320 

VPB39-A105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.07 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-39-342343

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA826( |
| Trichloroethene | ug/L | 5 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34984 NYSDOH ID # 10320 Page 2 of 2

VPB39-A106

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.08 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-39-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34985 NYSDOH ID # 10320 Page 1 of 2

VPB39-A107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.08 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-39-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA82[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/27/02 | 1 | EPA82[illegible] |
| Trichloroethene | ug/L | 22 | | 09/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR _____

rn = 34986 NYSDOH ID # 10320 

VPB39-A108

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.09 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP3

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/28/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/28/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34987 NYSDOH ID # 10320 

VPB39-A109

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.09 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-39-DUP3

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/28/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/28/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 140 | | 09/30/02 | 5 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34988 NYSDOH ID # 10320 Page 2 of 2

VPB39-A110

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.10 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:0925
MATRIX:Water SAMPLE: BP-VPB-39-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/28/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/28/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34989 NYSDOH ID # 10320 

VPB39-A111

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.10 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:0925
MATRIX:Water SAMPLE: BP-VPB-39-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/28/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/28/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 140 | | 09/30/02 | 5 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34990 NYSDOH ID # 10320 Page 2 of 2

VPB39-A112

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.11 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-VPB-39-402403

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | 2 | | 09/28/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | 2 | | 09/28/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/28/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 5 | | 09/28/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34991 NYSDOH ID # 10320 

VPB39-A113

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.11 10/02/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-VPB-39-402403

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/28/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/28/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/28/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/28/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 780 | | 09/30/02 | 10 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34992 NYSDOH ID # 10320 Page 2 of 2

VPB39-A114

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.01 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-093002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35584 NYSDOH ID # 10320 

VPB39-A115

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.01 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-093002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35585 NYSDOH ID # 10320 Page 2 of 2

VPB39-A116

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.02 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-39-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35586 NYSDOH ID # 10320 Page 1 of 2

VPB39-A117

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.02 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-39-421422

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 14 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35587 NYSDOH ID # 10320 Page 2 of 2

VPB39 - A118

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.03 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1410
MATRIX:Water SAMPLE: BP-VPB-39-442443

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 4 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35588 NYSDOH ID # 10320 

VPB39-A119

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.03 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02
TIME COL'D:1410
MATRIX:Water SAMPLE: BP-VPB-39-442443

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 49 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35589 NYSDOH ID # 10320 Page 2 of 2

VPB39-A120

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224993.02 10/23/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/18/02 RECEIVED:10/18/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-VPB-39-463464

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/21/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 37970 NYSDOH ID # 10320 

VPB39-A121

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224993.02 10/23/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/18/02 RECEIVED:10/18/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-VPB-39-463464

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/21/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/21/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 3 | | 10/21/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 37971 NYSDOH ID # 10320 Page 2 of 2

VPB39-A122

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.04 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-VPB-39-492493

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35590 NYSDOH ID # 10320 

VPB39-A123

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.04 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-VPB-39-492493

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 4 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35591 NYSDOH ID # 10320 

VPB39-A124

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.05 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-39-502503

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35592 NYSDOH ID # 10320 

VPB39-A125

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.05 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-39-502503

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35593 NYSDOH ID # 10320 Page 2 of 2

VPB39-A126

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.06 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-39-522523

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35594 NYSDOH ID # 10320 

VPB39-A127

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.06 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-39-522523

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 3 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35595 NYSDOH ID # 10320 Page 2 of 2

VPB39-A128

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.07 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-39-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35596 NYSDOH ID # 10320 

VPB39-A129

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.07 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-39-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 44 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35597 NYSDOH ID # 10320 Page 2 of 2

VPB39-A130

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.08 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02
TIME COL'D:0920
MATRIX:Water SAMPLE: BP-VPB-39-562563

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 9 | | 10/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35598 NYSDOH ID # 10320 

VPB39 - A131

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.08 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02
TIME COL'D:0920
MATRIX:Water SAMPLE: BP-VPB-39-562563

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/02/02 | 1 | EPA826( |
| Trichloroethene | ug/L | 23 | | 10/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35599 NYSDOH ID # 10320 Page 2 of 2

VPB39-A132

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.09 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-VPB-39-582583

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/03/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/03/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/03/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/03/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/03/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35600 NYSDOH ID # 10320 Page 1 of 2

VPB39-A133

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.09 10/08/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-VPB-39-582583

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/03/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/03/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 10/03/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35601 NYSDOH ID # 10320 Page 2 of 2

VPB39-A134

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.01 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/04/02
TIME COL'D:1700
MATRIX:Water SAMPLE: BP-TB-100202

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/04/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35900 NYSDOH ID # 10320 

VPB39-A135

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.01 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/04/02
TIME COL'D:1700
MATRIX:Water SAMPLE: BP-TB-100202

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/04/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/04/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/04/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/04/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35901 NYSDOH ID # 10320



VPB39 - A136

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.02 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-39-DM580

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/04/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/04/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35902 NYSDOH ID # 10320 

VPB39-A137

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.02 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-39-DM580

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/04/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/04/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 10/04/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35903 NYSDOH ID # 10320 Page 2 of 2

VPB39-A138

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.03 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1310
MATRIX:Water SAMPLE: BP-VPB-39-602603

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35904 NYSDOH ID # 10320 

VPB39-A139

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.03 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1310
MATRIX:Water SAMPLE: BP-VPB-39-602603

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/05/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 4 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35905 NYSDOH ID # 10320 Page 2 of 2

VPB39-A140

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.04 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-39-622623

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35906 NYSDOH ID # 10320 

VPB39-A141

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.04 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-39-622623

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/05/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 2 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35907 NYSDOH ID # 10320 Page 2 of 2

VPB39-A142

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.05 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1640
MATRIX:Water SAMPLE: BP-VPB-39-642643

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/05/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35908 NYSDOH ID # 10320



VPB39-A143

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.05 10/09/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02
TIME COL'D:1640
MATRIX:Water SAMPLE: BP-VPB-39-642643

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/05/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/05/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/05/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/05/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 2 | | 10/05/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 35909 NYSDOH ID # 10320 Page 2 of 2

VPB39-A144

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224993.01 10/23/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/18/02 RECEIVED:10/18/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-101802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 10/21/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 10/21/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 37968 NYSDOH ID # 10320 

VPB39-A145

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224993.01 10/23/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/18/02 RECEIVED:10/18/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-101802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 10/21/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 10/21/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 10/21/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 37969 NYSDOH ID # 10320 Page 2 of 2

VPB39-A146

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.01 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-082002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/26/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/26/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/26/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/26/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/26/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30886 NYSDOH ID # 10320 

VPB73-B72

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.01 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-082002

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/26/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/26/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/26/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/26/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/26/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30887 NYSDOH ID # 10320 Page 2 of 2

VPB73-B73

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.02 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-73-022023

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | 16 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30888 NYSDOH ID # 10320 

VPB73-B74

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.02 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-73-022023

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30889 NYSDOH ID # 10320 Page 2 of 2

VPB73-B75

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.03 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1635
MATRIX:Water SAMPLE: BP-VPB-73-042043

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30890 NYSDOH ID # 10320 

VPB73-B76

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.03 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:1635
MATRIX:Water SAMPLE: BP-VPB-73-042043

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30891 NYSDOH ID # 10320 

VPB73-B77

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.04 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP-1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30892 NYSDOH ID # 10320 Page 1 of 2

VPB73-B78

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.04 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP-1

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30893 NYSDOH ID # 10320 Page 2 of 2

VPB73-B79

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.05 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1025
MATRIX:Water SAMPLE: BP-VPB-73-072073

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | 12 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30894 NYSDOH ID # 10320 Page 1 of 2

VPB73-B80

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.05 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1025
MATRIX:Water SAMPLE: BP-VPB-73-072073

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30895 NYSDOH ID # 10320 Page 2 of 2

VPB73-B81

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.06 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-73-082083

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30896 NYSDOH ID # 10320 Page 1 of 2

VPB73-B82

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.06 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-73-082083

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30897 NYSDOH ID # 10320 Page 2 of 2

VPB73-B83

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.07 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1300
MATRIX:Water SAMPLE: BP-VPB-73-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30898 NYSDOH ID # 10320 

VPB73-B84

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.07 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1300
MATRIX:Water SAMPLE: BP-VPB-73-102103

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30899 NYSDOH ID # 10320 

VPB73-B85

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.08 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-73-122123

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30900 NYSDOH ID # 10320 Page 1 of 2

VPB73-B86

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.08 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-73-122123

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30901 NYSDOH ID # 10320 Page 2 of 2

VPB73-B87

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.09 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-142143

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30902 NYSDOH ID # 10320 

VPB73-B88

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.09 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-142143

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30903 NYSDOH ID # 10320 Page 2 of 2

VPB73-B89

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.10 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-VPB-73-162163

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30904 NYSDOH ID # 10320 Page 1 of 2

VPB73-B90

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.10 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-VPB-73-162163

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 2 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30905 NYSDOH ID # 10320 

VPB73-B91

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.11 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-73-182183

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30906 NYSDOH ID # 10320 

VPB73-B92

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.11 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-73-182183

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 2 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30907 NYSDOH ID # 10320 Page 2 of 2

VPB73-B93

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.12 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP-2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30908 NYSDOH ID # 10320 

VPB73-B94

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.12 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP-2

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 2 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30909 NYSDOH ID # 10320 

VPB73-B95

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.13 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1250
MATRIX:Water SAMPLE: BP-VPB-73-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30910 NYSDOH ID # 10320 

VPB73-B96

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.13 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1250
MATRIX:Water SAMPLE: BP-VPB-73-202203

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30911 NYSDOH ID # 10320 Page 2 of 2

VPB73-B97

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.14 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1350
MATRIX:Water SAMPLE: BP-VPB-73-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30912 NYSDOH ID # 10320 

VPB73-B98

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.14 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1350
MATRIX:Water SAMPLE: BP-VPB-73-222223

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30913 NYSDOH ID # 10320 Page 2 of 2

VPB73-B99

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.15 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-73-242243

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30914 NYSDOH ID # 10320 

VPB73-B100

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.15 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-73-242243

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30915 NYSDOH ID # 10320 Page 2 of 2

VPB73-B101

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.16 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-73-DM260

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1.1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30916 NYSDOH ID # 10320 

VPB73-B102

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.16 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1545
MATRIX:Water SAMPLE: BP-VPB-73-DM260

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30917 NYSDOH ID # 10320



VPB73-B103

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.17 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1700
MATRIX:Water SAMPLE: BP-VPB-73-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1.1 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/27/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30918 NYSDOH ID # 10320 

VPB73-B104

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.17 08/30/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02
TIME COL'D:1700
MATRIX:Water SAMPLE: BP-VPB-73-262263

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/27/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/27/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826' |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/27/02 | 1 | EPA826ι |
| Trichloroethene | ug/L | < 1 | | 08/27/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30919 NYSDOH ID # 10320 Page 2 of 2

VPB73-B105

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.01 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1045
MATRIX:Water SAMPLE: BP-TB-082602

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/01 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/01 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/01 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/01 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/01 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31441 NYSDOH ID # 10320 

VPB73-B106

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.01 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1045
MATRIX:Water SAMPLE: BP-TB-082602

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/01 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/01 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/01 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/01 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/29/01 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31442 NYSDOH ID # 10320 

VP873-B107

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.02 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-73-282283

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31443 NYSDOH ID # 10320 

VPB73-B108

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.02 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-73-282283

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31444 NYSDOH ID # 10320 Page 2 of 2

VPB73-B109

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.03 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP3

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31445 NYSDOH ID # 10320 

VP673-B110

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.03 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP3

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31446 NYSDOH ID # 10320 Page 2 of 2

VPB73-B111

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.04 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-73-302303

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31447 NYSDOH ID # 10320 Page 1 of 2

VPB73-B112

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.04 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1440
MATRIX:Water SAMPLE: BP-VPB-73-302303

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31448 NYSDOH ID # 10320 Page 2 of 2

VPB73-B113

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.05 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31449 NYSDOH ID # 10320 

VPB73-B114

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.05 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-322323

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| Trichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31450 NYSDOH ID # 10320 

VPB73-B115

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.06 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1045
MATRIX:Water SAMPLE: BP-VPB-73-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 3 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31451 NYSDOH ID # 10320 

VPB73-B116

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.06 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1045
MATRIX:Water SAMPLE: BP-VPB-73-362363

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 1 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 10 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 10 | | 08/29/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 3 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31452 NYSDOH ID # 10320 Page 2 of 2

VPB73-B117

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.07 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1210
MATRIX:Water SAMPLE: BP-VPB-73-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31453 NYSDOH ID # 10320 

VPB73-B118

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.07 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1210
MATRIX:Water SAMPLE: BP-VPB-73-382383

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 9 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31454 NYSDOH ID # 10320 Page 2 of 2

VPB73-B119

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.08 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1340
MATRIX:Water SAMPLE: BP-VPB-73-402403

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 3 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31455 NYSDOH ID # 10320 

VPB73-B120

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.08 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1340
MATRIX:Water SAMPLE: BP-VPB-73-402403

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 40 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31456 NYSDOH ID # 10320 Page 2 of 2

VPB73-B121

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.09 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-73-422423

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 5 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31457 NYSDOH ID # 10320 

VPB73-B122

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.09 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-73-422423

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826' |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 420 | | 08/30/02 | 50 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31458 NYSDOH ID # 10320 Page 2 of 2

VPB73-B123

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.10 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1635
MATRIX:Water SAMPLE: BP-VPB-73-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31459 NYSDOH ID # 10320 

VPB73-B124

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.10 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02
TIME COL'D:1635
MATRIX:Water SAMPLE: BP-VPB-73-441442

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 13 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31460 NYSDOH ID # 10320



VPB73-B125

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.11 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-73-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 4 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31461 NYSDOH ID # 10320 

VPB73-B126

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.11 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-73-461462

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 370 | | 08/30/02 | 50 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31462 NYSDOH ID # 10320 Page 2 of 2

VPB73-B127

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.12 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-73-482483

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 08/29/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 5 | | 08/29/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31463 NYSDOH ID # 10320 

VPB73-B128

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.12 09/04/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02
TIME COL'D:1120
MATRIX:Water SAMPLE: BP-VPB-73-482483

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 08/29/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 08/29/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 08/29/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 14 | | 08/29/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31464 NYSDOH ID # 10320 Page 2 of 2

VPB73-B129

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.01 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-TB-082802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31670 NYSDOH ID # 10320 

VPB73-B130

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.01 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-TB-082802

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31671 NYSDOH ID # 10320 Page 2 of 2

VPB73-B131

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.02 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1300
MATRIX:Water SAMPLE: BP-VPB-73-502503

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31672 NYSDOH ID # 10320 Page 1 of 2

VPB73-B132

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.02 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1300
MATRIX:Water SAMPLE: BP-VPB-73-502503

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826' |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 33 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31673 NYSDOH ID # 10320 

VPB73-B133

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.03 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1430
MATRIX:Water SAMPLE: BP-VPB-73-522523

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31674 NYSDOH ID # 10320 

VPB73-B134

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.03 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1430
MATRIX:Water SAMPLE: BP-VPB-73-522523

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826 |
| Trichloroethene | ug/L | 330 | | 09/02/02 | 10 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31675 NYSDOH ID # 10320 Page 2 of 2

VPB73-B135

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.04 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31676 NYSDOH ID # 10320 

VPB73-B136

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.04 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:1600
MATRIX:Water SAMPLE: BP-VPB-73-542543

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826[illegible] |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826[illegible] |
| Trichloroethene | ug/L | 60 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31677 NYSDOH ID # 10320 Page 2 of 2

VPB73-B137

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.05 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP4

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31678 NYSDOH ID # 10320 

VPB73-B138

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.05 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-73-DUP4

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 58 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31679 NYSDOH ID # 10320



VPB73-B139

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.06 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/30/02 RECEIVED:08/30/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-VPB-73-DM560

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31680 NYSDOH ID # 10320 Page 1 of 2

VPB73-B140

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.06 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/30/02 RECEIVED:08/30/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-VPB-73-DM560

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 10 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31681 NYSDOH ID # 10320 Page 2 of 2

VPB73-B141

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.07 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/30/02 RECEIVED:08/30/02
TIME COL'D:0910
MATRIX:Water SAMPLE: BP-VPB-73-562563

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/02/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 09/02/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31682 NYSDOH ID # 10320 Page 1 of 2

VPB73-B142

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.07 09/05/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:08/30/02 RECEIVED:08/30/02
TIME COL'D:0910
MATRIX:Water SAMPLE: BP-VPB-73-562563

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/02/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/02/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA826( |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/02/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 11 | | 09/02/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31683 NYSDOH ID # 10320



VPB73-B143

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.01 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-090302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32216 NYSDOH ID # 10320 

VP873-B144

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.01 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02
TIME COL'D:1100
MATRIX:Water SAMPLE: BP-TB-090302

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32217 NYSDOH ID # 10320 

VPB73-B145

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.02 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-73-592593

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 3 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32218 NYSDOH ID # 10320 Page 1 of 2

VPB73-B146

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.02 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-73-592593

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | 2 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32219 NYSDOH ID # 10320 Page 2 of 2

VPB73-B147

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.03 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-73-602603

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 2 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32220 NYSDOH ID # 10320 Page 1 of 2

VPB73-B148

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.03 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-73-602603

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32221 NYSDOH ID # 10320 

VPB73-B149

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.04 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-73-622623

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32222 NYSDOH ID # 10320 Page 1 of 2

VPB73-B150

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.04 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-73-622623

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32223 NYSDOH ID # 10320 Page 2 of 2

VPB73-B151

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.05 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-73-642643

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32224 NYSDOH ID # 10320 Page 1 of 2

VPB73-B152

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.05 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-73-642643

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32225 NYSDOH ID # 10320 Page 2 of 2

VPB73-B153

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.06 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-DUP5

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Chloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Vinyl Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Methylene Chloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Acetone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Carbon disulfide | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,1 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Chloroform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 2-Butanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 111 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Carbon Tetrachloride | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromodichloromethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1,2 Dichloropropane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 112 Trichloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Bromoform | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 4-Methyl-2-Pentanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| 2-Hexanone | ug/L | < 10 | | 09/07/02 | 10 | EPA8260 |
| Tetrachloroethene | ug/L | 1 | | 09/07/02 | 1 | EPA8260 |
| Toluene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| 1122Tetrachloroethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Chlorobenzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32226 NYSDOH ID # 10320 

VPB73-B154

**ECOTEST LABORATORIES, INC.** *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.06 09/11/02

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-DUP5

| ANALYTICAL PARAMETERS | UNITS | RESULT | FLAG | DATE OF ANALYSIS | LRL | ANALYTICAL METHOD |
|---|---|---|---|---|---|---|
| Ethyl Benzene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Styrene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| o Xylene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| m + p Xylene | ug/L | < 2 | | 09/07/02 | 2 | EPA8260 |
| Xylene | ug/L | < 3 | | 09/07/02 | 3 | EPA8260 |
| Bromomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| ter.ButylMethylEther | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Freon 113 | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichlorofluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Dichlordifluomethane | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| c-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| t-1,3Dichloropropene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |
| Trichloroethene | ug/L | < 1 | | 09/07/02 | 1 | EPA8260 |

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 32227 NYSDOH ID # 10320 Page 2 of 2

VPB73-B155

# Summary Report

for

# Pre-Design Field Investigation

# Off-Site Location GM-75

# Naval Weapons Industrial Reserve Plant

Bethpage, New York

## Naval Facilities Engineering Command Mid-Atlantic

**Contract Number N62472-04-D-0055**
**Contract Task Order 66**

September 2009

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-051) |
|---|---|
| Date received: 5/29/09 | Laboratory ID: 1177808 |
| Date extracted: 5/30/09 | Matrix: Liquid |
| Date analyzed: 5/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-051) |
|---|---|
| Date received: 5/29/09 | Laboratory ID: 1177808 |
| Date extracted: 5/30/09 | Matrix: Liquid |
| Date analyzed: 5/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-101) |
|---|---|
| Date received: 5/29/09 | Laboratory ID: 1177809 |
| Date extracted: 5/30/09 | Matrix: Liquid |
| Date analyzed: 5/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-101) |
| Date received: 5/29/09 | Laboratory ID: 1177809 |
| Date extracted: 5/30/09 | Matrix: Liquid |
| Date analyzed: 5/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060109) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177982 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060109) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177982 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-152) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177983 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-152) |
| Date received: 6/3/09 | Laboratory ID: 1177983 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10 | 5.F |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-191) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177984 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-191) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177984 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 14 | 5.F |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-211) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177985 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-211) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177985 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-251) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177986 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-251) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177986 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-271) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177987 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-271) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177987 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-311) |
| Date received: 6/3/09 | Laboratory ID: 1177988 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-311) |
|---|---|
| Date received: 6/3/09 | Laboratory ID: 1177988 |
| Date extracted: 6/4/09 | Matrix: Liquid |
| Date analyzed: 6/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060309) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178176 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060309) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178176 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-331) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178177 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-331) |
| Date received: 6/5/09 | Laboratory ID: 1178177 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL CHAMPIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 – Fax (631) 472-6505 • Email: LIAL@lialine.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-371) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178178 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 6 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 1.1 | 5,F |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-371) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178178 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-391) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178179 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 14 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 3.9 | 5.F |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-391) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178179 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-411) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178180 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-411) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178180 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-431) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178181 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-431) |
| Date received: 6/5/09 | Laboratory ID: 1178181 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"
119 Delta Drive - Holbrook, New York 11741
Phone (631) 472-3400 - Fax (631) 472-6505 - Email: LIAL@liallnc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-451) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178182 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1.5 | 5.F |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.


118 Comac Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liali.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-451) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178182 |
| Date extracted: 6/6/09 | Matrix: Liquid |
| Date analyzed: 6/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-491) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178183 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-491) |
| Date received: 6/5/09 | Laboratory ID: 1178183 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 11 | 5.F |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-511) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178184 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 3.1 | 5.F |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-511) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178184 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-531) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178185 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1.2 | 5,F |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-531) |
|---|---|
| Date received: 6/5/09 | Laboratory ID: 1178185 |
| Date extracted: 6/8/09 | Matrix: Liquid |
| Date analyzed: 6/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060809) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178342 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-060809) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178342 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-551) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178343 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | A,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-551) |
| Date received: 6/10/09 | Laboratory ID: 1178343 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"THOUSANDS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive · Holbrook, New York 11741
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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-571) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178344 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1.8 | 4,B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-571) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178344 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-611) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178345 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 4.1 | 4.B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 1.8 | 4.B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-611) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178345 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-631) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178346 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 7.6 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-631) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178346 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-671) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178347 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 3.4 | 4.B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-671) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178347 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-691) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178348 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1.6 | 4,B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-691) |
|---|---|
| Date received: 6/10/09 | Laboratory ID: 1178348 |
| Date extracted: 6/11/09 | Matrix: Liquid |
| Date analyzed: 6/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liali.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-061009) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178441 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-061009) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178441 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-711) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178442 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1 | 4.B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-711) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178442 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-731) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178443 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-731) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178443 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-751) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178444 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 2 | 4,B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-751) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178444 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-771) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178445 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-771) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178445 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-791) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178446 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.6 |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-791) |
| Date received: 6/12/09 | Laboratory ID: 1178446 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@[illegible]

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-811) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178447 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB121-GW-811) |
|---|---|
| Date received: 6/12/09 | Laboratory ID: 1178447 |
| Date extracted: 6/15/09 | Matrix: Liquid |
| Date analyzed: 6/15/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-051) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175679 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-051) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175679 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-101) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175680 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 6 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-101) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175680 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-151) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175681 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-151) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175681 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Verald

Michael Verald-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-191) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175682 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 2 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-191) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175682 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-211) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175683 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-211) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175683 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 11 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-251) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175684 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | 2 | MM |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 8 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | 3 | MM |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 4 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-251) |
|---|---|
| Date received: 4/17/09 | Laboratory ID: 1175684 |
| Date extracted: 4/17/09 | Matrix: Liquid |
| Date analyzed: 4/17/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-271) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175898 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-271) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175898 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DiBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-291) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175899 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 3 | MM |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | 18 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-291) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175899 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-312) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175900 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 4 | MM |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | 2 | MM |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 8 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-312) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175900 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-332) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175901 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 2 | MM |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | 7 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-332) |
| Date received: 4/22/09 | Laboratory ID: 1175901 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 20 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive · Holbrook, New York 11741
Phone (631) 472-3400 · Fax (631) 472-8505 · Email: LIAL@liainc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-371) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175902 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-371) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175902 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-391) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175903 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | 3 | MM |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 1 | MM |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | 2 | MM |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 132 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 2 | MM |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-391) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175903 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-411) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175904 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | 3 | MM |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | 4 | MM |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | 2 | MM |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 215 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 1 | MM |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-411) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175904 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-431) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175905 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | 2 | MM |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | 2 | MM |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 172 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-431) |
|---|---|
| Date received: 4/22/09 | Laboratory ID: 1175905 |
| Date extracted: 4/23/09 | Matrix: Liquid |
| Date analyzed: 4/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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110 Colin Drive • Holbrook, New York 11741
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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-042209) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176022 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-042209) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176022 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-491) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176023 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 8 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-491) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176023 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-511) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176024 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 7 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-511) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176024 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-531) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176025 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 20 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 4 | MM |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-531) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176025 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-551) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176026 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 3 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-551) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176026 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-571) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176027 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 8 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-571) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176027 |
| Date extracted: 4/24/09 | Matrix: Liquid |
| Date analyzed: 4/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-591) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176028 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-591) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176028 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-611) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176029 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-611) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176029 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-631) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176030 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-631) |
|---|---|
| Date received: 4/24/09 | Laboratory ID: 1176030 |
| Date extracted: 4/27/09 | Matrix: Liquid |
| Date analyzed: 4/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-042709) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176254 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-042709) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176254 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-651) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176255 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-651) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176255 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-671) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176256 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-671) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176256 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-691) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176257 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-691) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176257 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-711) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176258 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-711) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176258 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-731) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176259 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-731) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176259 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-771) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176260 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-771) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176260 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-DM-800) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176261 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-DM-800) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176261 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-811) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176262 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | CC |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB122-GW-811) |
|---|---|
| Date received: 4/29/09 | Laboratory ID: 1176262 |
| Date extracted: 4/30/09 | Matrix: Liquid |
| Date analyzed: 4/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-051) |
|---|---|
| Date received: 3/25/09 | Laboratory ID: 1173814 |
| Date extracted: 3/25/09 | Matrix: Liquid |
| Date analyzed: 3/25/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-051) |
|---|---|
| Date received: 3/25/09 | Laboratory ID: 1173814 |
| Date extracted: 3/25/09 | Matrix: Liquid |
| Date analyzed: 3/25/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 1.8 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 29 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-101) |
|---|---|
| Date received: 3/25/09 | Laboratory ID: 1173815 |
| Date extracted: 3/25/09 | Matrix: Liquid |
| Date analyzed: 3/25/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-101) |
|---|---|
| Date received: 3/25/09 | Laboratory ID: 1173815 |
| Date extracted: 3/25/09 | Matrix: Liquid |
| Date analyzed: 3/25/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2.2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

1760 of 2020

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-032509) |
|---|---|
| Date received: 3/27/09 | Laboratory ID: 1174046 |
| Date extracted: 3/27/09 | Matrix: Liquid |
| Date analyzed: 3/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-032509) |
|---|---|
| Date received: 3/27/09 | Laboratory ID: 1174046 |
| Date extracted: 3/27/09 | Matrix: Liquid |
| Date analyzed: 3/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-171) |
|---|---|
| Date received: 3/27/09 | Laboratory ID: 1174047 |
| Date extracted: 3/27/09 | Matrix: Liquid |
| Date analyzed: 3/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-171) |
|---|---|
| Date received: 3/27/09 | Laboratory ID: 1174047 |
| Date extracted: 3/27/09 | Matrix: Liquid |
| Date analyzed: 3/27/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-033009) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174268 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-033009) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174268 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-231) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174269 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-231) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174269 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 26 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-251) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174270 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-251) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174270 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 23 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-271) |
| Date received: 4/1/09 | Laboratory ID: 1174271 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-271) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174271 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 26 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-292) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174272 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-292) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174272 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 31 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 4 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-331) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174273 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-331) |
| Date received: 4/1/09 | Laboratory ID: 1174273 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 28 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 6 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-351) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174274 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | 6 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 1 | MM |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-351) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174274 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-371) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174275 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-371) |
| Date received: 4/1/09 | Laboratory ID: 1174275 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-391) |
| Date received: 4/1/09 | Laboratory ID: 1174276 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

LONG ISLAND ANALYTICAL LABORATORIES INC.
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"CONDEMONG ANALYTICAL SOLUTIONS TODAY" Phone (631) 472-[illegible] Fax (631) 472-6505 • Email: LIAL@liainc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-391) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174276 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 17 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-411) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174277 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-411) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174277 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-431) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174278 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-431) |
|---|---|
| Date received: 4/1/09 | Laboratory ID: 1174278 |
| Date extracted: 4/1/09 | Matrix: Liquid |
| Date analyzed: 4/1/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"ENVIRONMENTAL ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-8500 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040109) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174420 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040109) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174420 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-451) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174421 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-451) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174421 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-472) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174422 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 1.1 | MM |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-472) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174422 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-491) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174423 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-491) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174423 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-511) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174424 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-511) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174424 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 18 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-531) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174425 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-531) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174425 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-551) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174426 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP --GM-75 (BP-VPB123-GW-551) |
|---|---|
| Date received: 4/3/09 | Laboratory ID: 1174426 |
| Date extracted: 4/3/09 | Matrix: Liquid |
| Date analyzed: 4/3/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040709) |
|---|---|
| Date received: 4/8/09 | Laboratory ID: 1175013 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040709) |
| Date received: 4/8/09 | Laboratory ID: 1175013 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-651) |
|---|---|
| Date received: 4/8/09 | Laboratory ID: 1175014 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-651) |
|---|---|
| Date received: 4/8/09 | Laboratory ID: 1175014 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 2 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 16 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-671) |
|---|---|
| Date received: 4/8/09 | Laboratory ID: 1175015 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-671) |
|---|---|
| Date received: 4/8/09 | Laboratory ID: 1175015 |
| Date extracted: 4/8/09 | Matrix: Liquid |
| Date analyzed: 4/8/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040809) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175184 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-040809) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175184 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-691) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175185 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-691) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175185 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 16 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-711) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175186 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L. | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-711) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175186 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-731) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175187 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB123-GW-731) |
|---|---|
| Date received: 4/9/09 | Laboratory ID: 1175187 |
| Date extracted: 4/10/09 | Matrix: Liquid |
| Date analyzed: 4/10/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB124-GW-051) |
|---|---|
| Date received: 3/4/09 | Laboratory ID: 1172857 |
| Date extracted: 3/4/09 | Matrix: Liquid |
| Date analyzed: 3/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB124-GW-051) |
| Date received: 3/4/09 | Laboratory ID: 1172857 |
| Date extracted: 3/4/09 | Matrix: Liquid |
| Date analyzed: 3/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 1.2 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TRANSITION'S ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-8100 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB124-GW-101) |
| Date received: 3/4/09 | Laboratory ID: 1172858 |
| Date extracted: 3/4/09 | Matrix: Liquid |
| Date analyzed: 3/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB124-GW-101) |
|---|---|
| Date received: 3/4/09 | Laboratory ID: 1172858 |
| Date extracted: 3/4/09 | Matrix: Liquid |
| Date analyzed: 3/4/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Collin Drive • Holbrook, New York 11741
Phone (631) 472-1818 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-152) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173015 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-152) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173015 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 2 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-191) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173016 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-191) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173016 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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110 Colin Drive • Holbrook, New York 11741
"TOMORROWS ANALYTICAL SOLUTIONS TODAY" Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-211) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173017 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-211) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173017 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-231) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173018 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-231) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173018 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-251) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173019 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP (BP-VPB124-GW-251) |
|---|---|
| Date received: 3/6/09 | Laboratory ID: 1173019 |
| Date extracted: 3/6/09 | Matrix: Liquid |
| Date analyzed: 3/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-271) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173197 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-271) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173197 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | 1 | MM |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 2 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | 1 | MM |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-030909) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173196 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 19 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-030909) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173196 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 1 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | 1 | MM |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP --GM-75 (BP-VPB124-GW-291) |
| Date received: 3/11/09 | Laboratory ID: 1173198 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-291) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173198 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 14 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-312) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173199 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 4 | MM |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-312) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173199 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 27 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP --GM-75 (BP-VPB124-GW-331) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173200 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-331) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173200 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-351) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173201 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-351) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173201 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-371) |
| Date received: 3/11/09 | Laboratory ID: 1173202 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
"LONGISLAND ANALYTICAL STATIONS TRIMS" Phone (631) 472-[illegible] Fax (631) 472-8505 • Email: [illegible]@liaiinc.com

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-371) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173202 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-391) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173203 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-391) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173203 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-411) |
| Date received: 3/11/09 | Laboratory ID: 1173204 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-411) |
| Date received: 3/11/09 | Laboratory ID: 1173204 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 20 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"LONGISLAND ANALYTICAL SOLUTIONS FORM"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472 [illegible] Fax (631) 472 8505 • Email: LIAL@liainc.com

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-431) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173205 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-431) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173205 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-451) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173206 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: 3/11/09Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-451) |
|---|---|
| Date received: 3/11/09 | Laboratory ID: 1173206 |
| Date extracted: 3/11/09 | Matrix: Liquid |
| Date analyzed: 3/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-031109) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173311 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-031109) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173311 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-491) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173312 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-491) |
| Date received: 3/13/09 | Laboratory ID: 1173312 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 21 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"CONSULTING ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
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| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-511) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173313 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-511) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173313 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-531) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173314 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-531) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173314 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-551) |
| Date received: 3/13/09 | Laboratory ID: 1173315 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-551) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173315 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-571) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173316 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-571) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173316 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-592) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173317 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-592) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173317 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-631) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173318 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-631) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173318 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-651) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173319 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-651) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173319 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 16 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-691) |
| Date received: 3/13/09 | Laboratory ID: 1173320 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
"CONSULTING ANALYTICAL SOLUTIONS TODAY" Phone (631) 472-[illegible] Fax (631) 472-8505 • Email: LIAL@[illegible]

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-691) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173320 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-711) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173321 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-711) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173321 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-731) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173322 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-731) |
|---|---|
| Date received: 3/13/09 | Laboratory ID: 1173322 |
| Date extracted: 3/13/09 | Matrix: Liquid |
| Date analyzed: 3/13/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-031609) |
|---|---|
| Date received: 3/18/09 | Laboratory ID: 1173530 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-031609) |
| Date received: 3/18/09 | Laboratory ID: 1173530 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-751) |
|---|---|
| Date received: 3/18/09 | Laboratory ID: 1173531 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 4 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-751) |
|---|---|
| Date received: 3/18/09 | Laboratory ID: 1173531 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 26 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-812) |
|---|---|
| Date received: 3/18/09 | Laboratory ID: 1173532 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB124-GW-812) |
| Date received: 3/18/09 | Laboratory ID: 1173532 |
| Date extracted: 3/18/09 | Matrix: Liquid |
| Date analyzed: 3/18/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 24 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRPGM75 (BP-VPB-125-GW-071) |
| Date received: 1/30/09 | Laboratory ID: 1171220 |
| Date extracted: 1/30/09 | Matrix: Liquid |
| Date analyzed: 1/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRPGM75 (BP-VPB-125-GW-071) |
|---|---|
| Date received: 1/30/09 | Laboratory ID: 1171220 |
| Date extracted: 1/30/09 | Matrix: Liquid |
| Date analyzed: 1/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | 2 | MM |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | 1 | MM |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 4 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | 2 | MM |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | 1 | MM |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB-TB-020209) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171362 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 36 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB-TB-020209) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171362 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-101) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171363 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-101) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171363 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 1 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-151) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171364 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-151) |
| Date received: 2/4/09 | Laboratory ID: 1171364 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 28 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-203) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171365 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | 2 | MM |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-203) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171365 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 11 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-231) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171366 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-231) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171366 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 15 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 4 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-251) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171367 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-251) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171367 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 49 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 14 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-271) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171368 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-271) |
|---|---|
| Date received: 2/4/09 | Laboratory ID: 1171368 |
| Date extracted: 2/5/09 | Matrix: Liquid |
| Date analyzed: 2/5/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB-TB-020409) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171455 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 39 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB-TB-020409) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171455 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-291) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171456 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-291) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171456 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | 2 | MM |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | 2 | MM |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | 2 | MM |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-311) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171457 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-311) |
| Date received: 2/6/09 | Laboratory ID: 1171457 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 30 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-331) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171458 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-331) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171458 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 29 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-351) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171459 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 2 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-351) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171459 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 29 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-371) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171460 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-371) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171460 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-391) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171461 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-391) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171461 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-411) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171462 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP GM-75 (BP-VPB125-GW-411) |
|---|---|
| Date received: 2/6/09 | Laboratory ID: 1171462 |
| Date extracted: 2/6/09 | Matrix: Liquid |
| Date analyzed: 2/6/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 42 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB-TB-020909) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171647 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 36 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB-TB-020909) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171647 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-432) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171648 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-432) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171648 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 69 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 7 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-471) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171649 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-471) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171649 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 27 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-491) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171650 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 3 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-491) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171650 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 67 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-511) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171651 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 3 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-511) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171651 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 64 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-531) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171652 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 4 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-531) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171652 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 69 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-551) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171653 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech | Client ID: NWIRP-GM75 (BP-VPB125-GW-551) |
|---|---|
| Date received: 2/11/09 | Laboratory ID: 1171653 |
| Date extracted: 2/11/09 | Matrix: Liquid |
| Date analyzed: 2/11/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 49 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB-TB-021109) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171944 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 22 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB-TB-021109) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171944 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-571) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171945 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 2 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-571) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171945 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 44 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-591) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171946 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 2 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-591) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171946 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 71 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-611) |
| Date received: 2/13/09 | Laboratory ID: 1171947 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-611) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171947 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 72 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-632) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171948 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 2 | MM |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-632) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171948 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 48 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-651) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171949 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP-GM-75 (BP-VPB125-GW-651) |
|---|---|
| Date received: 2/13/09 | Laboratory ID: 1171949 |
| Date extracted: 2/16/09 | Matrix: Liquid |
| Date analyzed: 2/16/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 55 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 6 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB-TB-021709) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172423 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 36 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB-TB-021709) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172423 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-671) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172424 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-671) |
| Date received: 2/25/09 | Laboratory ID: 1172424 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 12 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-691) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172425 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-691) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172425 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-711) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172426 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-711) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172426 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | 2.3 | MM |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-751) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172427 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP GM-75 (BP-VPB125-GW-751) |
|---|---|
| Date received: 2/25/09 | Laboratory ID: 1172427 |
| Date extracted: 2/26/09 | Matrix: Liquid |
| Date analyzed: 2/26/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13 | MM |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-051) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1178999 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-051) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1178999 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-101) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179000 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 1.8 | 4.B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-101) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179000 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-151) |
| Date received: 6/22/09 | Laboratory ID: 1179001 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 1.6 | 4.B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-151) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179001 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-191) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179002 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 6.1 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 1.5 | 4.B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 65.2 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-191) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179002 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | 1.4 | 4.B |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-211) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179003 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 15 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-211) |
| Date received: 6/22/09 | Laboratory ID: 1179003 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-231) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179004 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 6.8 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | 1.3 | 4,B |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 2.1 | 4,B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 378 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-231) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179004 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-251) |
| Date received: 6/22/09 | Laboratory ID: 1179005 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 11 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-251) |
|---|---|
| Date received: 6/22/09 | Laboratory ID: 1179005 |
| Date extracted: 6/23/09 | Matrix: Liquid |
| Date analyzed: 6/23/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062209) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179129 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4 B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062209) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179129 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-271) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179130 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 15 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-271) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179130 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-291) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179131 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 7 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-291) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179131 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Verald-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-311) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179132 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4 B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 6 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-311) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179132 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-331) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179133 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-331) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179133 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-371) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179134 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 2.8 | 4.B |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-371) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179134 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-391) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179135 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | 1.3 | 4.B |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 2.5 | 4.B |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-391) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179135 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc | Client ID: NWIRP –GM-75 (BP-VPB126-GW-411) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179136 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-411) |
|---|---|
| Date received: 6/24/09 | Laboratory ID: 1179136 |
| Date extracted: 6/24/09 | Matrix: Liquid |
| Date analyzed: 6/24/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062409) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179361 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 6.9 | 4.C |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062409) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179361 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-451) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179362 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | 1.5 | 4.B |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-451) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179362 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | 1.3 | 4,B |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-471) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179363 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-471) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179363 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-491) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179364 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-491) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179364 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-511) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179365 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-511) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179365 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-531) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179366 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-531) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179366 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-551) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179367 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 6.0 | 4.C |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-551) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179367 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-571) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179368 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-571) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179368 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 10.5 | 4.B |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-591) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179369 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-591) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179369 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 17.5 | 4,B |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-611) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179370 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-611) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179370 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13.6 | 4.B |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-631) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179371 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

# EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-631) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179371 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-651) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179372 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1.3 | 4,B |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-651) |
|---|---|
| Date received: 6/26/09 | Laboratory ID: 1179372 |
| Date extracted: 6/30/09 | Matrix: Liquid |
| Date analyzed: 6/30/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | 13.9 | 4.B |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062909) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179584 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | 28.8 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-TB-062909) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179584 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc | Client ID: NWIRP –GM-75 (BP-VPB126-GW-691) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179585 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1.7 | 4,B |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-691) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179585 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-751) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179587 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | 1.6 | 4,B |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | 1.5 | 4,B |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 137 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-751) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179587 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Verald-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-791) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179588 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4,B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | 2.0 | 4,B |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-791) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179588 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| | |
|---|---|
| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-801) |
| Date received: 7/1/09 | Laboratory ID: 1179590 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-GW-801) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179590 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-DM-700) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179586 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4.B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB126-DM-700) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179586 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-SW-063009) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179589 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 5 ug/L | <5 | |
| CHLOROMETHANE | 74-87-3 | 5 ug/L | <5 | |
| VINYL CHLORIDE | 75-01-4 | 5 ug/L | <5 | |
| BROMOMETHANE | 74-83-9 | 5 ug/L | <5 | |
| CHLOROETHANE | 75-00-3 | 5 ug/L | <5 | |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHENE | 75-35-4 | 5 ug/L | <5 | |
| METHYLENE CHLORIDE | 75-09-2 | 5 ug/L | <5 | |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROETHANE | 75-34-3 | 5 ug/L | <5 | |
| 2,2-DICHLOROPROPANE | 594-20-7 | 5 ug/L | <5 | |
| cis-1,2-DICHLOROETHENE | 156-59-2 | 5 ug/L | <5 | |
| BROMOCHLOROMETHANE | 74-97-5 | 5 ug/L | <5 | |
| CHLOROFORM | 67-66-3 | 5 ug/L | <5 | |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 5 ug/L | <5 | |
| CARBON TETRACHLORIDE | 56-23-5 | 5 ug/L | <5 | |
| 1,1-DICHLOROPROPENE | 563-58-6 | 5 ug/L | <5 | |
| BENZENE | 71-43-2 | 0.7 ug/L | <0.7 | 4 B |
| 1,2-DICHLOROETHANE | 107-06-2 | 5 ug/L | <5 | |
| TRICHLOROETHENE | 79-01-6 | 5 ug/L | <5 | |
| 1,2-DICHLOROPROPANE | 78-87-5 | 5 ug/L | <5 | |
| DIBROMOMETHANE | 74-95-3 | 5 ug/L | <5 | |
| BROMODICHLOROMETHANE | 75-27-4 | 5 ug/L | <5 | |
| cis-1,3-DICHLOROPROPENE | 10061-01-5 | 5 ug/L | <5 | |
| TOLUENE | 108-88-3 | 5 ug/L | <5 | |
| trans-1,3-DICHLOROPROPENE | 10061-02-6 | 5 ug/L | <5 | |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 ug/L | <5 | |
| TETRACHLOROETHYLENE | 127-18-4 | 5 ug/L | <5 | |
| 1,3-DICHLOROPROPANE | 142-28-9 | 5 ug/L | <5 | |
| DIBROMOCHLOROMETHANE | 124-48-1 | 5 ug/L | <5 | |
| 1,2-DIBROMOETHANE | 106-93-4 | 5 ug/L | <5 | |
| CHLOROBENZENE | 108-90-7 | 5 ug/L | <5 | |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 5 ug/L | <5 | |
| ETHYLBENZENE | 100-41-4 | 5 ug/L | <5 | |
| STYRENE | 100-42-5 | 5 ug/L | <5 | |
| BROMOFORM | 75-25-2 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

| Client: Tetra Tech NUS, Inc. | Client ID: NWIRP –GM-75 (BP-VPB-SW-063009) |
|---|---|
| Date received: 7/1/09 | Laboratory ID: 1179589 |
| Date extracted: 7/2/09 | Matrix: Liquid |
| Date analyzed: 7/2/09 | ELAP #: 11693 |

## EPA METHOD 8260B

| PARAMETER | CAS No. | MDL | RESULTS ug/L | Flag |
|---|---|---|---|---|
| ISOPROPYLBENZENE | 98-82-8 | 5 ug/L | <5 | |
| BROMOBENZENE | 108-86-1 | 5 ug/L | <5 | |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 5 ug/L | <5 | |
| n-PROPYLBENZENE | 103-65-1 | 5 ug/L | <5 | |
| 2-CHLOROTOLUENE | 95-49-8 | 5 ug/L | <5 | |
| 4-CHLOROTOLUENE | 106-43-4 | 5 ug/L | <5 | |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 5 ug/L | <5 | |
| tert-BUTYLBENZENE | 98-06-6 | 5 ug/L | <5 | |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 5 ug/L | <5 | |
| sec-BUTYLBENZENE | 135-98-8 | 5 ug/L | <5 | |
| 1,3-DICHLOROBENZENE | 541-73-1 | 5 ug/L | <5 | |
| P-ISOPROPYLTOLUENE | 99-87-6 | 5 ug/L | <5 | |
| 1,4-DICHLOROBENZENE | 106-46-7 | 5 ug/L | <5 | |
| 1,2-DICHLOROBENZENE | 95-50-1 | 5 ug/L | <5 | |
| n-BUTYLBENZENE | 104-51-8 | 5 ug/L | <5 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 5 ug/L | <5 | |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 5 ug/L | <5 | |
| HEXACHLOROBUTADIENE | 87-68-3 | 5 ug/L | <5 | |
| NAPHTHALENE | 91-20-3 | 5 ug/L | <5 | |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 5 ug/L | <5 | |
| 2-CHLOROETHYLVINYL ETHER | 110-75-8 | 5 ug/L | <5 | |
| ACETONE | 67-64-1 | 50 ug/L | <50 | |
| METHYL ETHYL KETONE | 78-93-3 | 10 ug/L | <10 | |
| METHYL ISOBUTYL KETONE | 108-10-1 | 5 ug/L | <5 | |
| p & m-XYLENES | 1330-20-7 | 10 ug/L | <10 | |
| o-XYLENE | 1330-20-7 | 5 ug/L | <5 | |
| CARBON DISULFIDE | 751-15-0 | 5 ug/L | <5 | |
| MTBE | 1634-04-4 | 5 ug/L | <5 | |
| VINYL ACETATE | 108-05-4 | 5 ug/L | <5 | |
| 2-HEXANONE | 591-78-6 | 5 ug/L | <5 | |

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

# Summary Packet

# Vertical Profile Boring 127

# And BPOW 1-3, 1-4, 1-5, and 1-6

# NWIRP Bethpage

Bethpage, New York

**Naval Facilities Engineering Command**
**Mid-Atlantic**

**Contract No. N62472-03-D-0057**
**Contract Task Order 066**

August 2012

**DETECTED COMPOUNDS FOR VERTICAL PROFILE BORING 127**
**NAVAL WEAPONS INDUSTRIAL RESERVE PLANT**
**BETHPAGE, NEW YORK**

| No. | Sample ID | Depth (feet bgs)[1] | Total VOCs (µg/L)[2] | TCE | PCE | 1,1 DCA | 1,1 DCE | 1,1,1 TCA | Chloro form | Benz. | Tol. | Ace. | Styrene | MEK | tert BME | Carbon Disulfide | Ethyl Benzene | 2-Hexanone | Chloro-methane | Methyl isobutyl ketone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BP-VPB127-GW-057 | 57 | ND | | | | | | | | | 13 B | 0.11 J | 1.5 J | | | | | | |
| 2 | BP-VPB127-GW-097 | 97 | 0.8 | 0.6 J | | | | | 0.2 JB | | | 9 B | | | | | | | | |
| 3 | BP-VPB127-GW-153 | 153 | 21.6 | 10 | | 1.5 | 4.5 | 5.2 | 0.4 J | 0.14 J | | 18 | | 2.9 J | 0.4 J | | | | | |
| 4 | BP-VPB127-GW-207 | 207 | 15.2 | 4.6 | | 3.3 | 2.9 | 3.9 | 0.5 | | | 2.1 J | | | 0.2 J | | | | | |
| 5 | BP-VPB127-GW-227 | 227 | 1.4 | | | 1.2 | 0.2 J | | | | 0.15 J | 6.1 | | 1 J | | 0.4 J | | | | |
| 6 | BP-VPB127-GW-247 | 247 | ND | | | | | | | | | 3.3 J | | | | 0.5 J | | | | |
| 7 | BP-VPB127-GW-267 | 267 | ND | | | | | | | | | 4.1 | | 0.8 J | | 0.6 J | | | | |
| 8 | BP-VPB127-GW-287 | 287 | ND | | | | | | | | | 6.1 | | 0.9 J | | 0.3 J | | | | |
| 9 | BP-VPB127-GW-307 | 307 | ND | | | | | | | | | | | | | | | | | |
| 10 | BP-VPB127-GW-327 | 327 | ND | | | | | | | 0.13 J | | 9.4 | | 1.2 J | | | | | | |
| 11 | BP-VPB127-GW-347 | 347 | ND | | | | | | | | | 3.1 J | | | | | | | | |
| 12 | BP-VPB127-GW-367 | 367 | ND | | | | | | | | | 2 J | | | | | | | | |
| 13 | BP-VPB127-GW-387 | 387 | ND | | | | | | | | | 1.9 J | | | | | | | | |
| 14 | BP-VPB127-GW-407 | 407 | ND | | | | | | | | | | | | | | | | | |
| 15 | BP-VPB127-GW-427 | 427 | ND | | | | | | | | | 2.5 J | | | | | | | | |
| 16 | BP-VPB127-GW-447 | 447 | ND | | | | | | | | | 3.2 J | | 0.8 J | | | | | | |
| 17 | BP-VPB127-GW-467 | 467 | ND | | | | | | | 0.16 J | 0.12 J | 12 | | 1.6 J | | | 0.11 J | | | |
| 18 | BP-VPB127-GW-487 | 487 | ND | | | | | | | 0.1 J | | | | | | | | | | |
| 19 | BP-VPB127-GW-507 | 507 | ND | | | | | | | | | 11 | | 1.1 J | | | | | | |
| 20 | BP-VPB127-GW-527 | 527 | ND | | | | | | | | | | | | | | | | | |
| 21 | BP-VPB127-GW-547 | 547 | ND | | | | | | | 0.11 J | | 13 | | 1.9 J | | | | | | |
| 22 | BP-VPB127-GW-567 | 567 | ND | | | | | | | 0.1 J | | 5.6 | | | | | | | | |
| 23 | BP-VPB127-GW-587 | 587 | ND | | | | | | | | | 9.2 | | 1.1 J | | | | | | |
| 24 | BP-VPB127-GW-607 | 607 | ND | | | | | | | | | | | | | | | | | |
| 25 | BP-VPB127-GW-627 | 627 | ND | | | | | | | 0.16 J | | 17 | | 3.6 | | | 0.1 J | 1.1 J | | |
| 26 | BP-VPB127-GW-647 | 647 | ND | | | | | | | | | | | | | | | | | |
| 27 | BP-VPB127-GW-667 | 667 | ND | | | | | | | 0.12 J | | 12 | | 1.4 J | | | | | | |
| 28 | BP-VPB127-GW-687 | 687 | ND | | | | | | | 0.14 J | | 14 | | 2.1 J | | | | | | |
| 29 | BP-VPB127-GW-707 | 707 | ND | | | | | | | 0.13 J | | 16 | | 2.5 J | | | | | | |
| 30 | BP-VPB127-GW-727 | 727 | ND | | | | | | | | | 4.4 | | 0.9 J | | | | | | |
| 31 | BP-VPB127-GW-747 | 747 | ND | | | | | | | | | 5.4 | | 0.9 J | | | | | | |
| 32 | BP-VPB127-GW-787 | 787 | ND | | | | | | | | | 30 | | 3.3 J | | 0.7 | | | 0.29 J | 0.86 J |
| 33 | BP-VPB127-GW-807 | 807 | ND | | | | | | | | | 7.7 | | | | | | | | |

**Notes:**

bgs: Below ground surface
µg/L: micrograms per liter
ND: Not detected
NA: Not applicable
All results are in µg/L
TCE: Trichloroethene
PCE: Tetrachloroethene
1,1 DCA: 1,1-Dichloroethane
1,1 DCE: 1,1-Dichloroethene
1,1,1 TCA: 1,1,1 Trichloroethane
Benz.: Benzene
Tol.: Toluene
Ace.: Acetone
MEK: Methyl Ethyl Ketone
tert BME: tert. ButylMethylEther

[1] Samples were taken on 20-foot centers starting at 200 ft bgs to the total depth of the borehole. Where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval or at the direction of the site geologist.

[2] TCE, PCE, 1,1-DCA, 1,1-DCE, 1,1,1-TCA, and

Data presented is unvalidated data from laboratory Form Is.

# Summary Packet

# Vertical Profile Boring 128

# And BPOW 3-3 and 3-4

# NWIRP Bethpage

Bethpage, New York

## Naval Facilities Engineering Command
## Mid-Atlantic

**Contract No. N62472-03-D-0057**
**Contract Task Order 066**

August 2012

**TABLE 3-2**
**DETECTED COMPOUNDS FOR VERTICAL PROFILE BORING 128**
**NAVAL WEAPONS INDUSTRIAL RESERVE PLANT**
**BETHPAGE, NEW YORK**

| No. | Sample ID | Depth (feet bgs)[1] | Total VOCs (µg/L)[2] | TCE | PCE | 1,1 DCA | 1,1 DCE | 1,1,1 TCA | 1,1,2 TCA | C-1,2 DCE | Chloro form | Benz. | Tol. | Ace. | MEK | tert BME | Carbon Tetrachl | Carbon Disulfide | Chloro benzene | Chlorodibr omometha ne | 1,2 Dichloro benzene | 1,2,4-Trichloro benzene | Xylene | Freon-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BP-VPB128-GW-058 | 58 | 0.3 | | | | | | | | 0.3 J | | | 13 | 2 J | | | | | | | | | |
| 2 | BP-VPB128-GW-103 | 103 | 0.2 | | | | | | | | 0.2 J | | | 7 | 2 J | | | | | | | | | |
| 3 | BP-VPB128-GW-148 | 148 | 0.3 | 0.3 J | | | | | | | | | | 21 | 3 J | | | | | 0.3 J | | | | |
| 4 | BP-VPB128-GW-188 | 188 | 2.2 | 0.7 | | 0.8 | 0.2 J | | | 0.5 J | | | | 9 | 2 J | 2 | | | | | | | | |
| 5 | BP-VPB128-GW-208 | 208 | 1.8 | 0.4 J | 0.3 J | 0.9 | | 0.2 J | | | | | | 3 J | 2 J | 1 | | | 0.8 | | | | | |
| 6 | BP-VPB128-GW-228 | 228 | 1.9 | 0.4 J | 0.2 J | 0.9 | 0.2 J | | | 0.2 J | | | | 2 J | 2 J | 2 | | | | | 0.1 J | | | |
| 7 | BP-VPB128-GW-248 | 248 | 1.8 | 0.3 J | 0.3 J | 0.8 | 0.2 J | 0.2 J | | | | | | 2 J | 1.5 J | 0.9 | | | 0.3 J | | 0.2 J | | | |
| 8 | BP-VPB128-GW-268 | 268 | 0.5 | | | 0.5 J | | | | | | | | 5 | 2 J | 0.5 J | | | | | | | | |
| 9 | BP-VPB128-GW-288 | 288 | ND | | | | | | | | | | | 15 | 3 J | | | 1 | | | | | | |
| 10 | BP-VPB128-GW-308 | 308 | ND | | | | | | | | | | | 2 J | | | | | | | | | | |
| 11 | BP-VPB128-GW-328 | 328 | ND | | | | | | | | | | | 1.8 J | | | | | | | | | | |
| 12 | BP-VPB128-GW-348 | 348 | ND | | | | | | | | | | | | | | | | | | | | | |
| 13 | BP-VPB128-GW-368 | 368 | ND | | | | | | | | | | | 26 | 2.7 J | | | | | | | 0.3 JB | 0.4 JB | |
| 14 | BP-VPB128-GW-388 | 388 | ND | | | | | | | | | | | 2.5 J | | | | | | | | | 0.4 JB | |
| 15 | BP-VPB128-GW-408 | 408 | ND | | | | | | | | | | | 2.1 J | 0.9 J | | | | | | | | 0.3 JB | |
| 16 | BP-VPB128-GW-448 | 448 | ND | | | | | | | | | | | 3.2 J | | | | | | | | | | |
| 17 | BP-VPB128-GW-468 | 468 | ND | | | | | | | | | | | 15 | 3.1 J | | | | | | | | 0.33 JB | |
| 18 | BP-VPB128-GW-488 | 488 | ND | | | | | | | | | | | 9.5 | 1.8 J | | | | | | | | 0.31 JB | |
| 19 | BP-VPB128-GW-508 | 508 | ND | | | | | | | | | 0.15 J | 0.16 J | 42 | 4.6 | | | | | | | | 0.33 JB | |
| 20 | BP-VPB128-GW-528 | 528 | ND | | | | | | | | | | | 20 | 1.7 J | | | | | | | | | |
| 21 | BP-VPB128-GW-548 | 548 | ND | | | | | | | | | | | 9.4 | | | | | | | | | | |
| 22 | BP-VPB128-GW-568 | 568 | ND | | | | | | | | | | | 6.5 | | | | | | | | | | |
| 23 | BP-VPB128-GW-588 | 588 | ND | | | | | | | | | | | 21 | 1.4 J | | | | | | | | | |
| 24 | BP-VPB128-GW-608 | 608 | ND | | | | | | | | | | | 10 | | | | | | | | | | 0.2 J |
| 25 | BP-VPB128-GW-628 | 628 | ND | | | | | | | | | | | 18 | | | | | | | | | | |
| 26 | BP-VPB128-GW-648 | 648 | 16.56 | 15 | | | | | 0.27 J | 0.44 J | 0.85 | | | 8.5 | | | | | | | | | | 0.58 J |
| 27 | BP-VPB128-GW-668 | 668 | 21 | 21 | | | | | | | | | | 5.9 | | | 0.4 J | | | | | | | |
| 28 | BP-VPB128-GW-688 | 688 | 11.43 | 11 | | | | | | 0.24 J | 0.19 J | | | 17 | 0.88 J | | | | | | | | | |
| 29 | BP-VPB128-GW-728 | 728 | 4 | 4 | | | | | | | | | 0.27 J | 24 | 2.1 J | | 0.22 J | | | | | | | |
| 30 | BP-VPB128-GW-748 | 748 | 4 | 4 | | | | | | | | | 0.17 J | 17 | 2 J | | | | | | | | | |
| 31 | BP-VPB128-GW-788 | 788 | 0.29 | 0.29 | | | | | | | | | 0.17 J | 15 | 1.6 J | | | | | | | | | |
| 32 | BP-VPB128-GW-808 | 808 | 0.23 | 0.23 J | | | | | | | | | 0.19 J | 14 | 1.7 J | | | 0.22 J | | | | | | |

**Notes:**

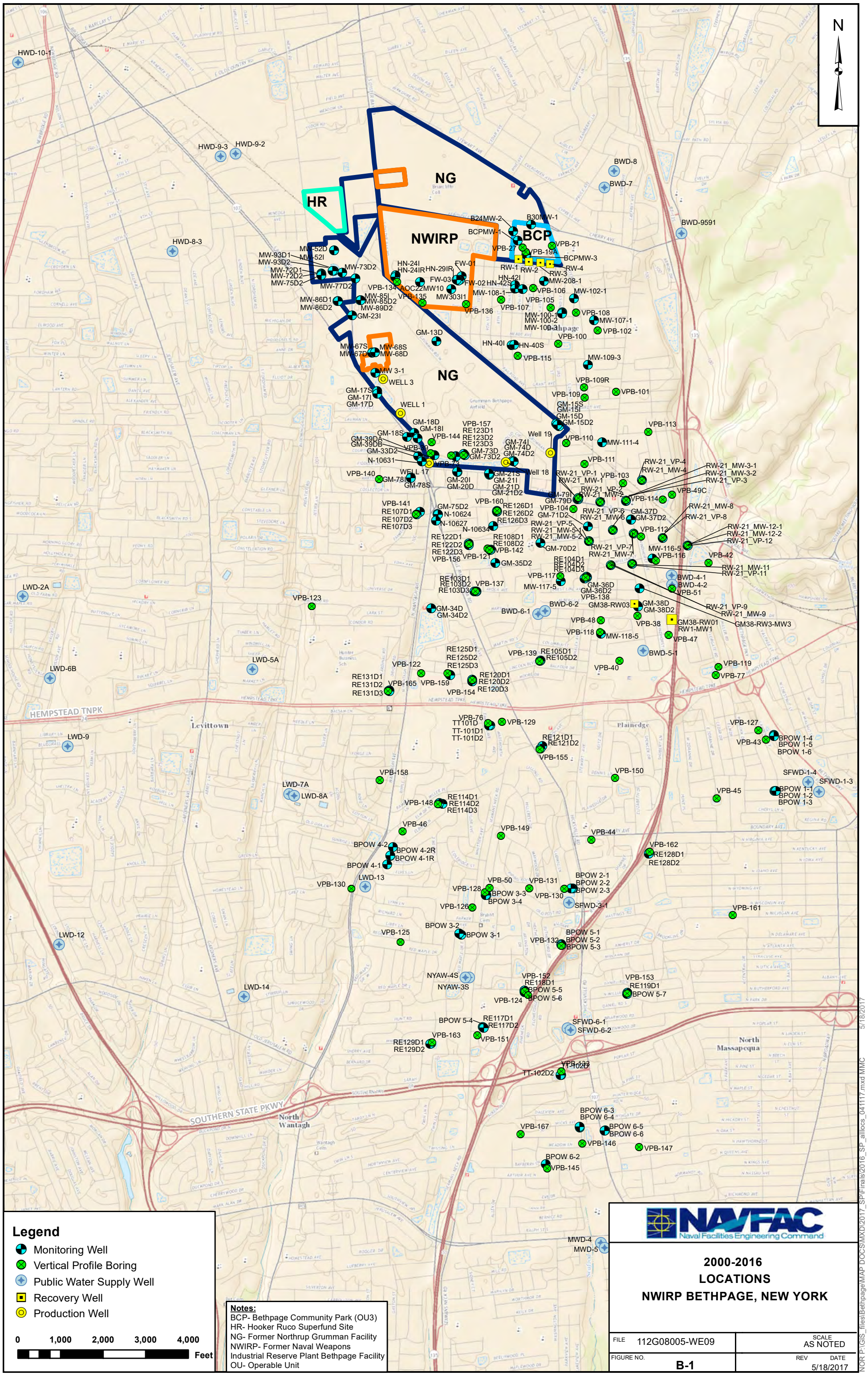
bgs: Below ground surface
µg/L: micrograms per liter
ND: Not detected
NA: Not applicable
All results are in µg/L
TCE: Trichloroethene
PCE: Tetrachloroethene
1,1 DCA: 1,1-Dichloroethane
1,1 DCE: 1,1-Dichloroethene
1,1,1 TCA: 1,1,1 Trichloroethane
Benz.: Benzene
Tol.: Toluene
Ace.: Acetone
MEK: Methyl Ethyl Ketone
tert BME: tert. ButylMethylEther

[1] Samples were taken on 20-foot centers starting at 200 ft bgs to the total depth of the borehole. Where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval or at the direction of the site geologist.

[2] TCE, PCE, 1,1-DCA, 1,1-DCE, 1,1,1-TCA, and chloroform used to calculate Total VOCs

Data presented is unvalidated data from laboratory Form Is.

APPENDIX B
CHEMICAL RESULTS MAPS FOR 2001-2016


N
NG
HR
NWIRP
BCP
NG
HWD-10-1
HWD-9-3
HWD-9-2
HWD-8-3
BWD-8
BWD-7
BWD-9591
B24MW-2
B30MW-1
BCPMW-1
VPB-21
VPB-27
VPB-19A
BCPMW-3
RW-1
RW-2
RW-3
RW-4
MW-208-1
HN-42I
HN-42S
VPB-106
MW-102-1
MW-108-1
VPB-105
VPB-107
VPB-108
MW-100-1
MW-100-2
MW-100-3
MW-107-1
VPB-102
VPB-100
HN-40I
HN-40S
VPB-115
MW-109-3
VPB-109R
VPB-101
VPB-109
GM-15S
GM-15I
GM-15D
GM-15D2
VPB-113
Well 19
VPB-110
MW-111-4
VPB-111
RW-21_VP-4
RW-21_MW-4
RW-21_MW-3-1
RW-21_MW-3-2
RW-21_VP-3
RW-21_VP-1
RW-21_MW-1
VPB-103
RW-21_VP-2
RW-21_MW-2
VPB-49C
VPB-114
GM-79D
GM-79I
VPB-104
GM-71D2
RW-21_VP-6
RW-21_MW-6
GM-37D
GM-37D2
RW-21_MW-8
RW-21_VP-8
RW-21_VP-5
RW-21_MW-5-1
RW-21_MW-5-2
VPB-112
RW-21_MW-12-1
RW-21_MW-12-2
RW-21_VP-12
MW-116-5
VPB-116
VPB-42
RW-21_VP-7
RW-21_MW-7
RW-21_MW-11
RW-21_VP-11
GM-70D2
VPB-117
MW-117-5
GM-36D
GM-36D2
VPB-138
BWD-4-1
BWD-4-2
VPB-51
RW-21_VP-9
RW-21_MW-9
GM38-RW3-MW3
GM38-RW03
GM-38D
GM-38D2
VPB-38
GM38-RW01
RW1-MW1
VPB-47
VPB-48
VPB-118
MW-118-5
BWD-5-1
VPB-119
VPB-77
VPB-40
VPB-139
RE105D1
RE105D2
BWD-6-1
BWD-6-2
GM-34D
GM-34D2
VPB-123
LWD-2A
LWD-5A
LWD-6B
LWD-9
LWD-7A
LWD-8A
LWD-12
LWD-13
LWD-14
HEMPSTEAD TNPK
SOUTHERN STATE PKWY
Levittown
North Wantagh
Plainedge
North Massapequa
Grumman Bethpage Airfield
MW-52D
MW-52I
MW-93D1
MW-93D2
MW-72D1
MW-72D2
MW-75D2
MW-73D2
MW-77D2
MW-86D1
MW-86D2
MW-85I
MW-85D2
MW-89D2
GM-23I
HN-24I
HN-24IR
HN-29IR
FW-01
FW-03
FW-02
VPB-134
AOC22MW10
VPB-135
MW303I1
VPB-136
GM-13D
MW-67S
MW-67D
MW-68S
MW-68D
MW 3-1
WELL 3
WELL 1
WELL 17
GM-17S
GM-17I
GM-17D
GM-18D
GM-18I
GM-18S
VPB-144
GM-39DA
GM-39DB
GM-33D2
N-10631
VPB-140
GM-78I
GM-78S
GM-20I
GM-20D
GM-21S
GM-21I
GM-21D
GM-21D2
Well 18
GM-74I
GM-74D
GM-74D2
GM-73D
GM-73D2
VPB-157
RE123D1
RE123D2
RE123D3
VPB-160
RE126D1
RE126D2
RE126D3
N-10624
N-10627
N-10634
GM-75D2
VPB-141
RE107D1
RE107D2
RE107D3
RE122D1
RE122D2
RE122D3
VPB-156
VPB-121
VPB-142
RE108D1
RE108D2
GM-35D2
RE103D1
RE103D2
RE103D3
VPB-137
RE104D1
RE104D2
RE104D3
RE125D1
RE125D2
RE125D3
VPB-122
VPB-165
VPB-159
VPB-154
RE120D1
RE120D2
RE120D3
RE131D1
RE131D2
RE131D3
VPB-76
TT101D
TT-101D1
TT-101D2
VPB-129
RE121D1
RE121D2
VPB-155
VPB-158
VPB-148
RE114D1
RE114D2
RE114D3
VPB-46
VPB-149
VPB-44
BPOW 4-2
BPOW 4-2R
BPOW 4-1R
BPOW 4-1
VPB-130
VPB-50
VPB-128
BPOW 3-3
BPOW 3-4
VPB-126
VPB-131
VPB-130
BPOW 2-1
BPOW 2-2
BPOW 2-3
SFWD-3-1
VPB-125
BPOW 3-2
BPOW 3-1
VPB-132
BPOW 5-1
BPOW 5-2
BPOW 5-3
VPB-162
RE128D1
RE128D2
VPB-161
NYAW-4S
NYAW-3S
VPB-152
RE118D1
BPOW 5-5
BPOW 5-6
VPB-124
VPB-153
RE119D1
BPOW 5-7
BPOW 5-4
RE117D1
RE117D2
VPB-163
VPB-151
RE129D1
RE129D2
SFWD-6-1
SFWD-6-2
VPB-133
TT-102D1
TT-102D2
BPOW 6-3
BPOW 6-4
VPB-167
BPOW 6-5
BPOW 6-6
VPB-146
VPB-147
BPOW 6-2
VPB-145
MWD-4
MWD-5
VPB-127
VPB-43
BPOW 1-4
BPOW 1-5
BPOW 1-6
SFWD-1-4
SFWD-1-3
VPB-45
BPOW 1-1
BPOW 1-2
BPOW 1-3
Legend
Monitoring Well
Vertical Profile Boring
Public Water Supply Well
Recovery Well
Production Well
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
HR- Hooker Ruco Superfund Site
NG- Former Northrup Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
NAVFAC
Naval Facilities Engineering Command
2000-2016
LOCATIONS
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-1
REV
DATE 5/18/2017
NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2016_SP_alllocs_041117.mxd MMC 5/18/2017

N

NG

HR

NWIRP

BCP

MW-52I 21
MW-52D 33

180
HN-24I

27
FW-03

HN-42I 0.9
HN-42S ND

6
GM-23I

GM-13D
320

HN-40S 3
HN-40I 4

Bethpage

NG

ND GM-17I
GM-17D ND

GM-15S 8
GM-15I 18
GM-15D 10
GM-15D2 16

GM-18I 0.4
GM-18D 2

N-10631 0.9

GM-78S 2
3 GM-78I

0.8 GM-20I
GM-20D ND

ND GM-21S
GM-21I ND

2 GM-79I
63 GM-79D

0.5 GM-37D

4 N-10627

ND N-10634

5 µg/L

22
GM-36D

100 µg/L

VPB-51 830

VPB-48 100

3,400
VPB-38

1000 µg/L

VPB-47 180

VPB-40 320

VPB-77 25

100 µg/L

VPB-76 100

Levittown

Plainedge

VPB-43 8

VPB-45 8

VPB-46 23

VPB-44 30

VPB-50 1

North Massapequa

North Wantagh

## Legend

- Monitoring Well
- Vertical Profile Boring

**2001 TCE (0 to 300 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

# 2001 TCE CONCENTRATION IN GROUNDWATER (0 to 300 FT BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-2 | REV DATE | 5/18/2017 |

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N

NG

HR

NWIRP

BCP

NG

Bethpage

GP-3
WELL 3
2200

5 µg/L

Well 17
1600

GM-74D
190

Well 18
63

Well 19
18

GM-37D2
2

GM-71D2
5

GM-70D2
56

100 µg/L

VPB-51
110

GM-34D
140

BWD
6-1
200

810
1500
GM-38D
GM-38D2
1,000 µg/L

VPB-46
45

VPB-38
1300

VPB-47
770

VPB-40
10

VPB-77
ND

VPB-76
87

Levittown

Plainedge

VPB-43
ND

VPB-45
ND

VPB-46
ND

VPB-44
ND

VPB-50
ND

North
Massapequa

North
Wantagh

## Legend

- Monitoring Well
- Vertical Profile Boring
- NG Production Well
- Public Water Supply Well

**2001 TCE (300 to 500 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

# 2001 TCE CONCENTRATION IN GROUNDWATER (300 to 500 FT BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-3 | REV DATE | 5/18/2017 |

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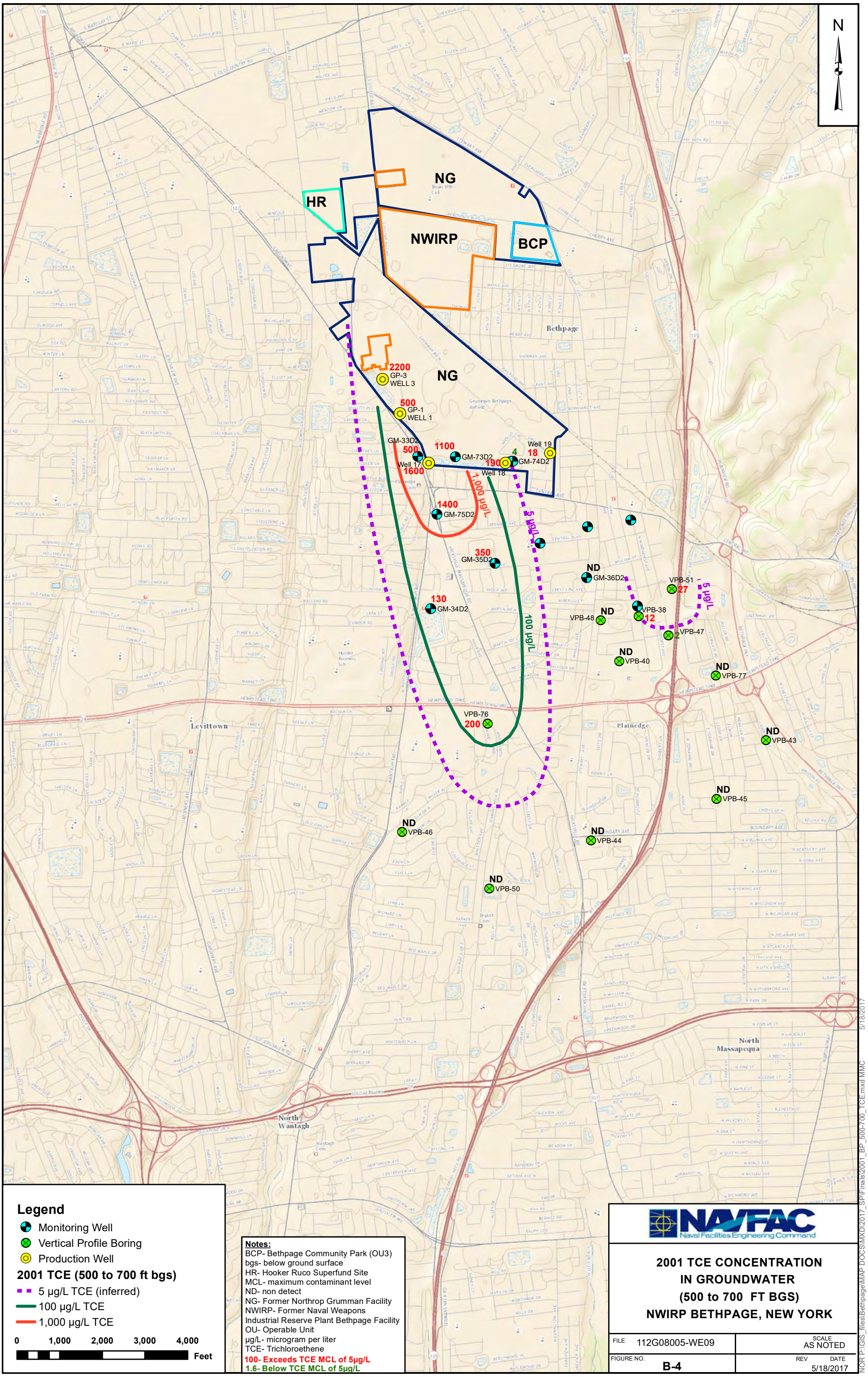
N
NG
HR
NWIRP
BCP
NG
Bethpage
2200
GP-3
WELL 3
500
GP-1
WELL 1
GM-33D2
500
Well 17
1600
1100
GM-73D2
Well 19
18
4
190
GM-74D2
Well 18
1,000 µg/L
1400
GM-75D2
5 µg/L
350
GM-35D2
ND
GM-36D2
VPB-51
27
5 µg/L
130
GM-34D2
100 µg/L
ND
VPB-48
VPB-38
12
2
VPB-47
ND
VPB-40
ND
VPB-77
VPB-76
200
Levittown
Plainedge
ND
VPB-43
ND
VPB-45
ND
VPB-46
ND
VPB-44
ND
VPB-50
North
Massapequa
North
Wantagh
Legend
Monitoring Well
Vertical Profile Boring
Production Well
2001 TCE (500 to 700 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons
Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2001 TCE CONCENTRATION
IN GROUNDWATER
(500 to 700 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-4
REV
DATE 5/18/2017
NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SPVFinals\2001_BP_500-700_TCE.mxd MMC 5/18/2017

N

NG

HR

NWIRP

BCP

NG

Bethpage

Grumman-Bethpage Airfield

Levittown

Plainedge

North Massapequa

North Wantagh

VPB-51
ND

BWD 6-2
<0.5

VPB-48
ND

VPB-47
ND

VPB-40
ND

VPB-77
ND

VPB-76
120

100 µg/L

5 µg/L

VPB-43
2

VPB-45
ND

VPB-46
ND

VPB-44
ND

VPB-50
ND

## Legend

- Vertical Profile Boring
- Public Water Supply Well

**2001 TCE (Greater than 700 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene

**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2001 TCE CONCENTRATION IN GROUNDWATER (GREATER THAN 700 FT BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-5 | REV | DATE 5/18/2017 |

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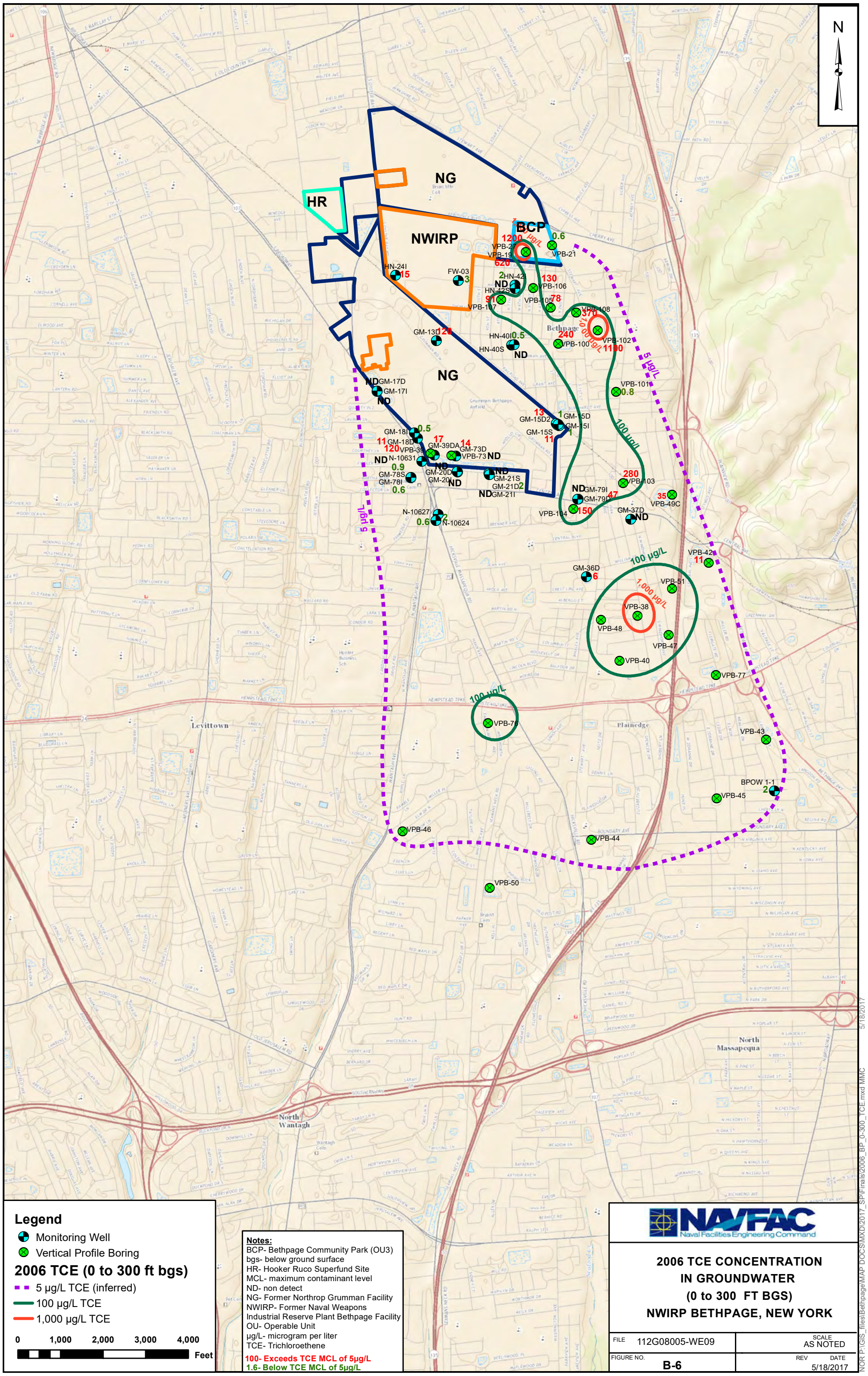
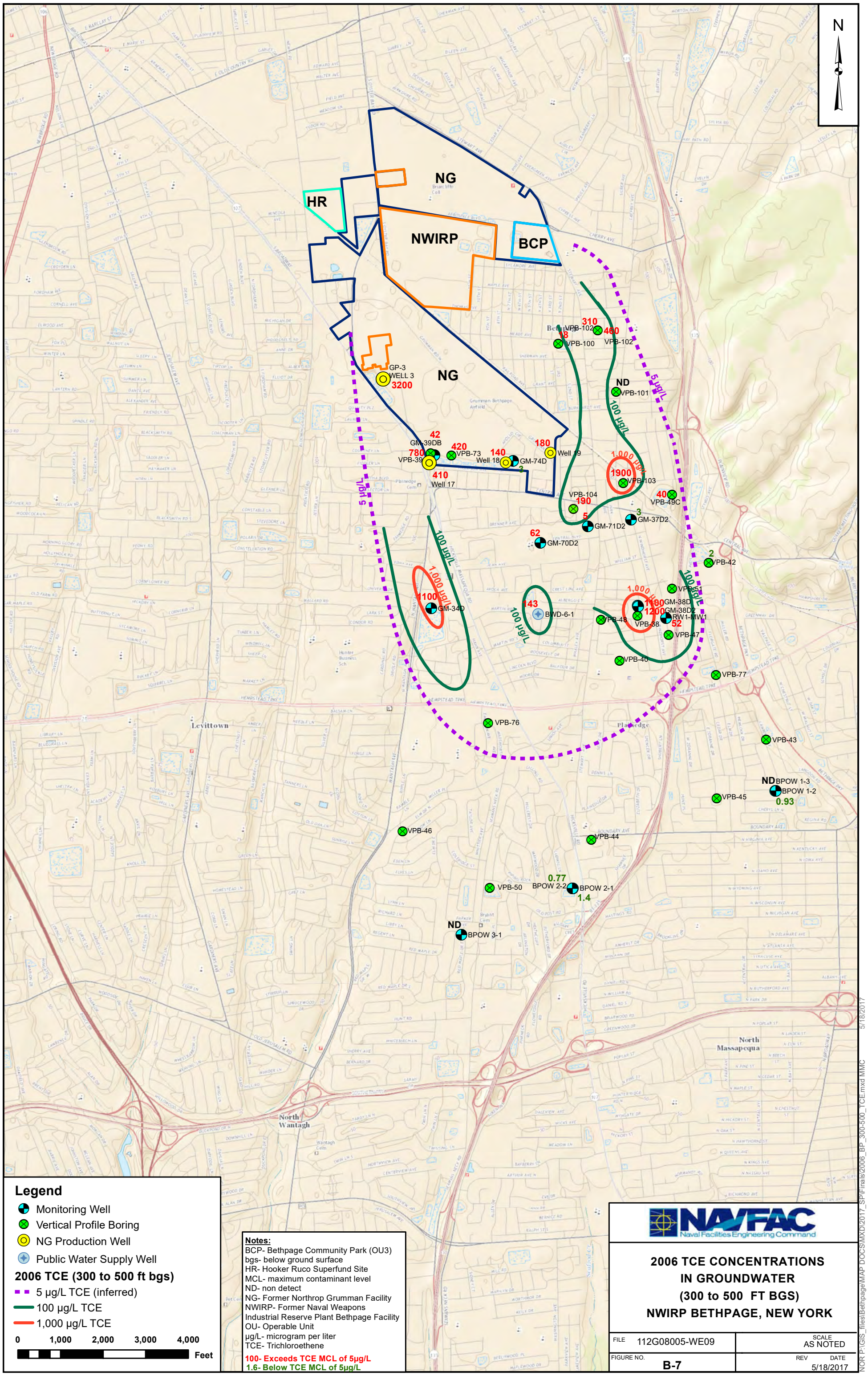

N
NG
HR
NWIRP
BCP
1200
620
0.6
VPB-21
VPB-19
HN-24I
15
FW-03
3
2
HN-42I
ND
HN-42S
130
VPB-106
91
VPB-107
78
VPB-105
VPB-108
370
1,000 µg/L
GM-13D
120
HN-40I
0.5
HN-40S
ND
240
VPB-100
VPB-102
1100
5 µg/L
NG
ND
GM-17D
GM-17I
ND
VPB-101
0.8
13
GM-15D2
1
GM-15D
GM-15I
GM-15S
11
100 µg/L
GM-18I
0.5
11
GM-18D
17
GM-39DA
14
GM-73D
120
VPB-39
VPB-73
ND
ND
N-10631
ND
0.9
GM-78S
GM-78I
0.6
GM-20D
GM-20I
ND
ND
GM-21S
GM-21D
2
ND
GM-21I
280
VPB-103
ND
GM-79I
47
GM-79D
150
VPB-104
35
VPB-49C
GM-37D
ND
5 µg/L
N-10627
0.6
2
N-10624
VPB-42
11
100 µg/L
GM-36D
6
VPB-51
1,000 µg/L
VPB-38
VPB-48
VPB-47
VPB-40
VPB-77
100 µg/L
VPB-76
Levittown
Plainedge
VPB-43
BPOW 1-1
2
VPB-45
VPB-46
VPB-44
VPB-50
North
Massapequa
North
Wantagh
Legend
Monitoring Well
Vertical Profile Boring
2006 TCE (0 to 300 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons
Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2006 TCE CONCENTRATION
IN GROUNDWATER
(0 to 300 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-6
REV
DATE 5/18/2017
NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SPVFinals\2006_BP_0-300_TCE.mxd MMC 5/18/2017




## Legend

- Monitoring Well
- Vertical Profile Boring
- NG Production Well
- Public Water Supply Well

**2006 TCE (300 to 500 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene

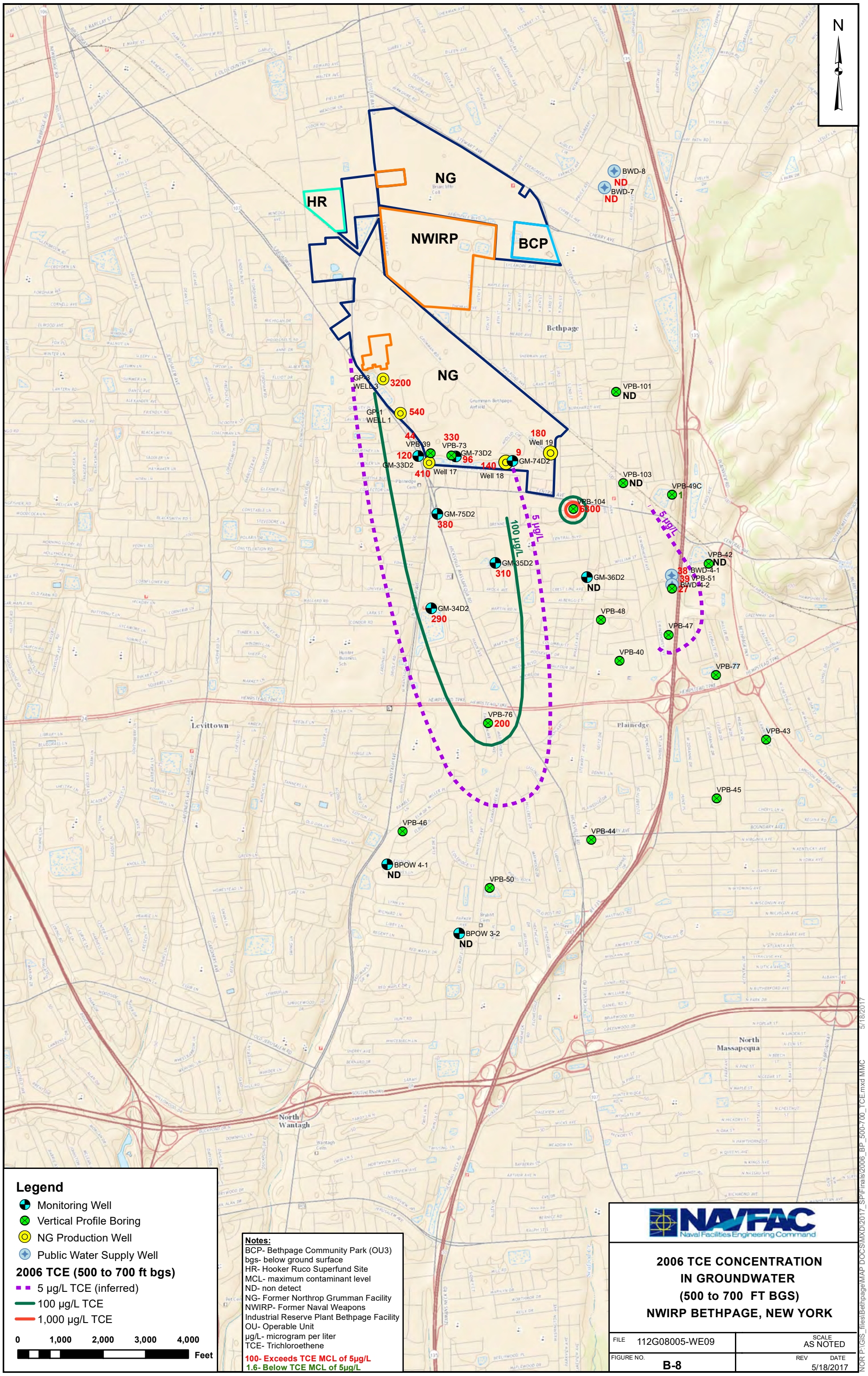
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

# 2006 TCE CONCENTRATIONS IN GROUNDWATER (300 to 500 FT BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-7 | REV DATE | 5/18/2017 |

NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2006_BP_300-500_TCE.mxd MMC 5/18/2017


N
NG
HR
NWIRP
BCP
NG
BWD-8
ND
BWD-7
ND
Bethpage
GP-3
WELL 3
3200
GP-1
WELL 1
540
VPB-101
ND
44
VPB-39
120
GM-33D2
330
VPB-73
GM-73D2
96
410
Well 17
9
GM-74D2
140
Well 18
180
Well 19
VPB-103
ND
VPB-49C
1
VPB-104
6300
GM-75D2
380
5 µg/L
100 µg/L
5 µg/L
GM-35D2
310
VPB-42
ND
38
BWD-4-1
39
VPB-51
27
BWD-4-2
GM-36D2
ND
GM-34D2
290
VPB-48
VPB-47
VPB-40
VPB-77
VPB-76
200
Levittown
Plainedge
VPB-43
VPB-45
VPB-46
VPB-44
BPOW 4-1
ND
VPB-50
BPOW 3-2
ND
North
Massapequa
North
Wantagh
Legend
Monitoring Well
Vertical Profile Boring
NG Production Well
Public Water Supply Well
2006 TCE (500 to 700 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons
Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2006 TCE CONCENTRATION
IN GROUNDWATER
(500 to 700 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-8
REV
DATE 5/18/2017
5/18/2017
N:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2006_BP_500-700_TCE.mxd MMC

N

NG

HR

NWIRP

BCP

NG

Bethpage

Grumman-Bethpage Airfield

Plainedge

Levittown

North Massapequa

North Wantagh

Hunter Business Sch

Plainedge Cem

Bryant Cem

Wantagh Cem

VPB-104
1

VPB-49C
ND

VPB-51

BWD-6-2
110

VPB-48

VPB-47

VPB-40

ND
BWD-5-1

VPB-77

VPB-76

VPB-43

VPB-45

VPB-46

VPB-44

BPOW
4-2R
ND

VPB-50

5 µg/L

100 µg/L

## Legend

- 2006 Monitoring Well
- 2000 - 2006 Vertical Profile Boring
- Public Water Supply Well

**2006 TCE (Greater than 700 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene

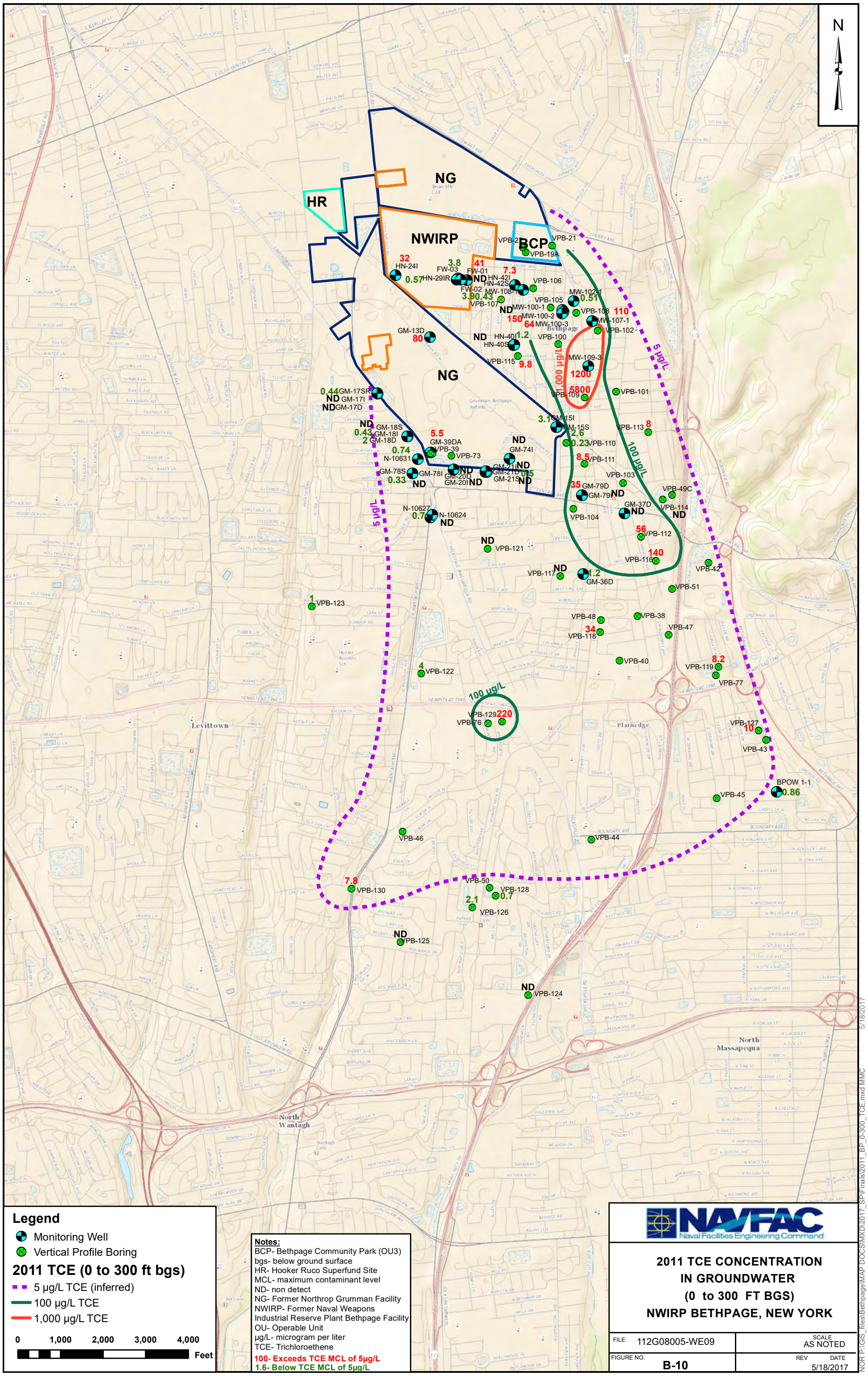
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

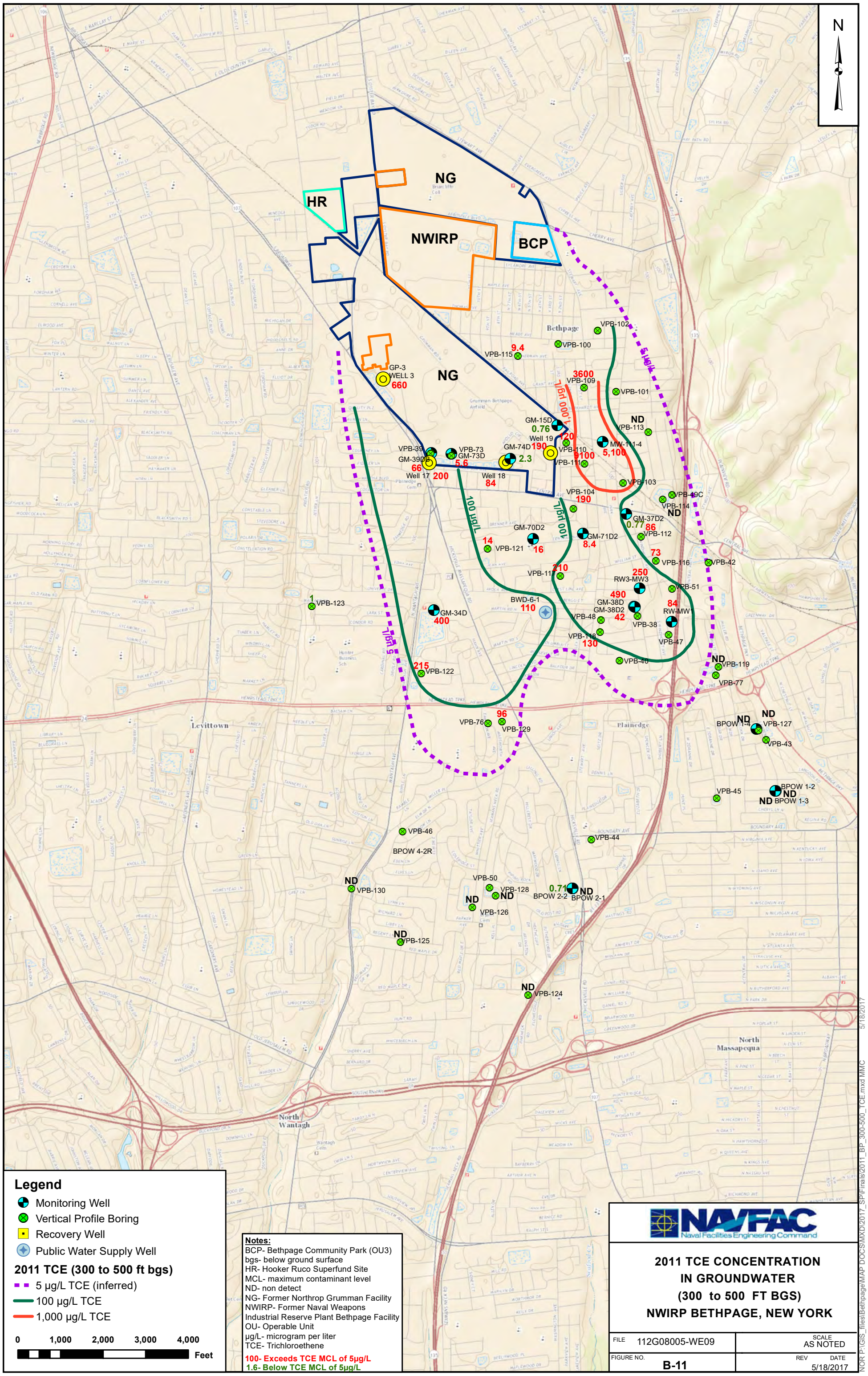
NAVFAC
Naval Facilities Engineering Command

# 2006 TCE CONCENTRATIONS IN GROUNDWATER (GREATER THAN 700 FT BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-9 | REV DATE | 5/18/2017 |

NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2006_BP_700above_TCE.mxd MMC 5/18/2017


N
NG
HR
NWIRP
BCP
NG
VPB-21
VPB-19A
VPB-106
VPB-105
VPB-108
VPB-107-1
VPB-102-1
VPB-102
VPB-100
VPB-109-3
VPB-101
VPB-115
VPB-109
VPB-103
VPB-49C
VPB-114
VPB-104
VPB-112
VPB-116
VPB-42
VPB-51
VPB-117
VPB-121
VPB-123
VPB-48
VPB-38
VPB-47
VPB-118
VPB-40
VPB-119
VPB-77
VPB-122
VPB-129
VPB-76
VPB-127
VPB-43
BPOW 1-1
VPB-45
VPB-46
VPB-44
VPB-130
VPB-50
VPB-128
VPB-126
VPB-125
VPB-124
HN-24I
HN-29IR
FW-03
FW-01
FW-02
HN-42I
HN-42S
MW-108-1
MW-100-1
MW-100-2
MW-100-3
HN-40I
HN-40S
GM-13D
GM-17SR
GM-17I
GM-17D
GM-18S
GM-18I
GM-18D
GM-39DA
VPB-39
VPB-73
N-10631
GM-78S
GM-78I
GM-20D
GM-20I
GM-21I
GM-21D
GM-21S
GM-74I
GM-15I
GM-15S
VPB-110
VPB-111
GM-79D
GM-79I
GM-37D
GM-36D
N-10627
N-10624
MW-109-3
5 µg/L
100 µg/L
1,000 µg/L
Levittown
North Wantagh
Plainedge
North Massapequa
Bethpage
Grumman-Bethpage Airfield
Hunter Business Sch
Wantagh Cem
Pet Cem
Hempstead Turnpike
Old Country Rd
Wantagh Pkwy
Seaford-Oyster Bay Expy
Broadway
Newbridge Rd
Jerusalem Ave
Hicksville Rd
Cherry Ave
Stewart Ave
Sunrise Hwy
Legend
Monitoring Well
Vertical Profile Boring
2011 TCE (0 to 300 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0 1,000 2,000 3,000 4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2011 TCE CONCENTRATION
IN GROUNDWATER
(0 to 300 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-10
REV
DATE 5/18/2017
5/18/2017
NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2011_BP_0-300_TCE.mxd MMC


N
NG
HR
NWIRP
BCP
NG
Bethpage
VPB-102
VPB-100
9.4
VPB-115
GP-3
WELL 3
660
3600
VPB-109
VPB-101
5 µg/L
1,000 µg/L
GM-15D
0.76
120
Well 19
190
VPB-110
9100
VPB-111
MW-111-4
5,100
ND
VPB-113
VPB-39
GM-39D
66
VPB-73
GM-73D
5.6
GM-74D
2.3
Well 17
200
Well 18
84
VPB-103
VPB-104
190
VPB-49C
VPB-114
ND
GM-37D2
0.77
86
VPB-112
GM-70D2
14
VPB-121
16
GM-71D2
8.4
73
VPB-116
VPB-42
VPB-117
210
250
RW3-MW3
VPB-51
490
GM-38D
GM-38D2
42
84
RW-MW1
VPB-48
VPB-38
VPB-118
130
VPB-47
VPB-40
1
VPB-123
BWD-6-1
110
GM-34D
400
215
VPB-122
ND
VPB-119
VPB-77
96
VPB-76
VPB-129
Levittown
Plainedge
ND
BPOW 1-4
ND
VPB-127
VPB-43
VPB-45
BPOW 1-2
ND
ND
BPOW 1-3
VPB-46
BPOW 4-2R
VPB-44
ND
VPB-130
VPB-50
VPB-128
ND
ND
0.71
BPOW 2-2
ND
BPOW 2-1
ND
VPB-126
ND
VPB-125
ND
VPB-124
North
Massapequa
North
Wantagh
Legend
Monitoring Well
Vertical Profile Boring
Recovery Well
Public Water Supply Well
2011 TCE (300 to 500 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons
Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2011 TCE CONCENTRATION
IN GROUNDWATER
(300 to 500 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-11
REV DATE 5/18/2017
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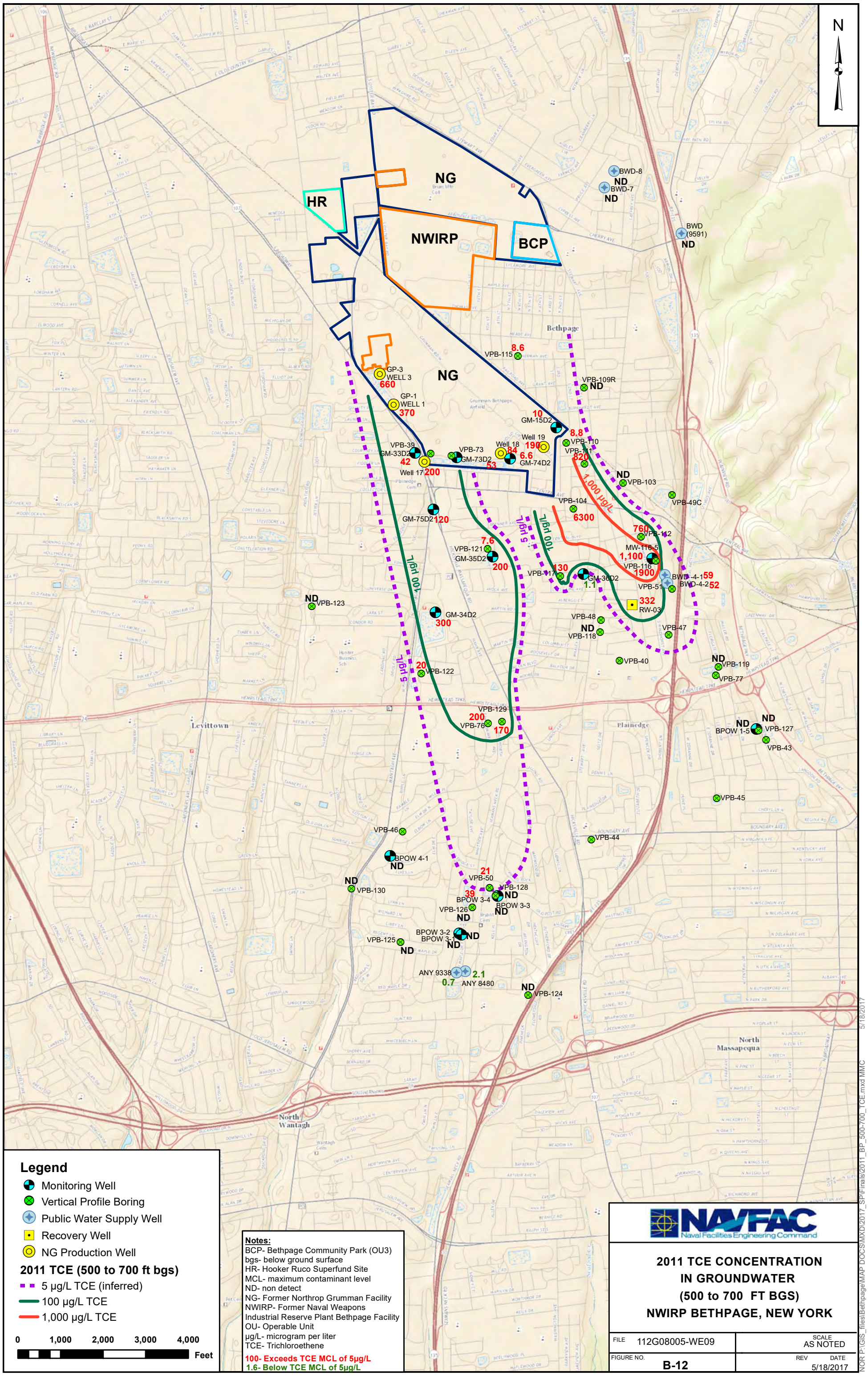
N
NG
HR
NWIRP
BCP
NG
BWD-8
ND
BWD-7
ND
BWD
(9591)
ND
Bethpage
VPB-115
8.6
GP-3
WELL 3
660
VPB-109R
ND
GP-1
WELL 1
370
10
GM-15D2
8.8
VPB-110
VPB-111
820
Well 19
190
VPB-39
GM-33D2
42
VPB-73
GM-73D2
53
Well 18
84
6.6
GM-74D2
Well 17
200
ND
VPB-103
VPB-49C
VPB-104
6300
1,000 µg/L
GM-75D2
120
760
VPB-112
7.6
VPB-121
GM-35D2
200
MW-116-5
1,100
VPB-116
1900
VPB-117
130
GM-36D2
1.1
BWD-4-1
59
BWD-4-2
52
VPB-51
332
RW-03
ND
VPB-123
GM-34D2
300
VPB-48
ND
VPB-118
VPB-47
VPB-40
ND
VPB-119
VPB-77
20
VPB-122
VPB-129
200
VPB-76
170
Levittown
Plainedge
ND
BPOW 1-5
ND
VPB-127
VPB-43
VPB-45
VPB-46
VPB-44
BPOW 4-1
ND
21
VPB-50
VPB-128
ND
39
BPOW 3-4
ND
BPOW 3-3
VPB-126
ND
ND
VPB-130
BPOW 3-2
ND
BPOW 3-1
ND
VPB-125
ND
ANY 9338
2.1
0.7
ANY 8480
ND
VPB-124
North
Massapequa
North
Wantagh
100 µg/L
5 µg/L
Legend
Monitoring Well
Vertical Profile Boring
Public Water Supply Well
Recovery Well
NG Production Well
2011 TCE (500 to 700 ft bgs)
5 µg/L TCE (inferred)
100 µg/L TCE
1,000 µg/L TCE
0
1,000
2,000
3,000
4,000
Feet
Notes:
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons
Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
100- Exceeds TCE MCL of 5µg/L
1.6- Below TCE MCL of 5µg/L
NAVFAC
Naval Facilities Engineering Command
2011 TCE CONCENTRATION
IN GROUNDWATER
(500 to 700 FT BGS)
NWIRP BETHPAGE, NEW YORK
FILE 112G08005-WE09
SCALE AS NOTED
FIGURE NO. B-12
REV
DATE 5/18/2017
5/18/2017
N:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2011_BP_500-700_TCE.mxd MMC

N

NG

HR

NWIRP

BCP

NG

Bethpage

Grumman-Bethpage Airfield

Levittown

Plainedge

North Massapequa

North Wantagh

VPB-49C
VPB-104
1
VPB-121
ND
VPB-117
MW-117-5
0.71
5 µg/L
1410
BWD-6-2
VPB-48
VPB-118
MW-118-5
ND
ND
VPB-51
VPB-47
VPB-40
BWD-5-1
3.8
VPB-119
ND
VPB-77
ND
VPB-123
ND
VPB-122
VPB-76
19
VPB-129
5 µg/L
100 µg/L
ND
VPB-127
VPB-43
VPB-45
VPB-46
VPB-44
BPOW 4-2
ND
ND
VPB-130
VPB-50
VPB-128
4
137
VPB-126
ND
VPB-125
ND
VPB-124

## Legend

- Monitoring Well
- Vertical Profile Boring
- Public Water Supply Well

**2011 TCE (Greater than 700 ft bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**
BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
µg/L- microgram per liter
TCE- Trichloroethene
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

# 2011 TCE CONCENTRATION IN GROUNDWATER (GREATER THAN 700 FT BGS) NWIRP BETHPAGE, NEW YORK

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-13 | REV | DATE 5/19/2017 |

5/19/2017
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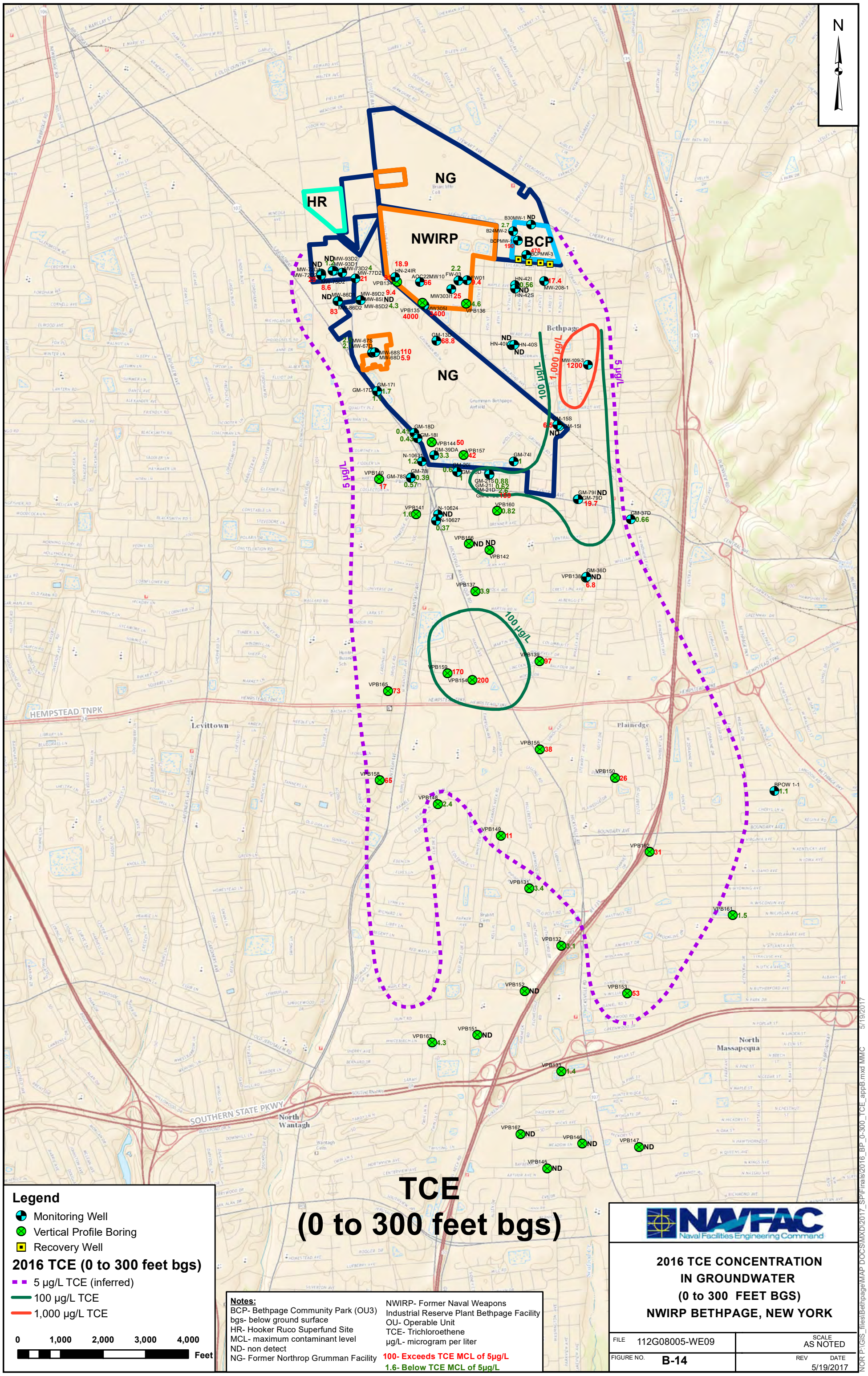


# TCE
# (0 to 300 feet bgs)

**Legend**

- Monitoring Well
- Vertical Profile Boring
- Recovery Well

**2016 TCE (0 to 300 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter

**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (0 to 300 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-14 | REV | DATE 5/19/2017 |

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N

NG

HR

NWIRP

BCP

NG

VPB134 2400

VPB135 3.1

VPB136 15

58.4 MW-3-1

WELL 3 510

Bethpage

Grumman Bethpage Airfield

GM-15D 0.33

141 WELL 19

MW-111-4 5100

VPB144 7800

GM-39DB 87.6

RE123D1 7.3

GM-73D 9.1

VPB157 120

GM-74D 1.3

WELL 17 159

WELL 18 51.2

VPB140 120

GM-78D 3.3

GM-78D2 1.4

RW-21_MW-4 249

RW-21_VP-4 674

RW-21_VP-1 15.9

RW-21_VP-3 1510

RW-21_VP-2 455.4

VPB141 87

VPB160 14

GM-37D2 2.3

GM-71D2 11

RW-21_VP-6 16

RW-21_MW-8 452

RW-21_VP-8 277

VPB156 67

VPB142 68

GM-70D2 10.3

RW-21_VP-5 137

47.3

RW-21_VP-7 32.4

RW-21_MW-5-1

RW-21_MW-12-1 103

RW-21_VP-12 72.9

RW-21_VP-9 123

RW-21_VP-11 195

RE104D 84

VPB138 90

VPB137 27

GM-34D 412

31.7 BWD-3876

GM-38D 140

GM-38D2 148

110 RW1-MW1

190 VPB139

RE125D1 180

PB159 310

VPB154 190

RE131D1 100

PB165 140

TT101D 68

Levittown

Plainedge

LWD-04450 ND

VPB155 ND

BPOW 1-4 ND

VPB158 140

VPB150 ND

BPOW 1-2 0.3

BPOW 1-3 ND

SFWD-5148 ND

VPB148 1.8

VPB149 ND

VPB162 ND

VPB131 ND

BPOW 2-2 ND

BPOW 2-1 ND

VPB161 ND

LWD-05302 ND

BPOW 5-1 ND

VPB132 ND

VPB152 ND

VPB153 ND

VPB163 ND

VPB151 ND

North Massapequa

VPB133 ND

North Wantagh

VPB167 ND

VPB146 ND

VPB147 0.45

VPB145 ND

HEMPSTEAD TNPK

SOUTHERN STATE PKWY

1,000 µg/L

100 µg/L

5 µg/L

# TCE
# (300 to 500 feet bgs)

## Legend

- Monitoring Well
- Vertical Profile Boring
- Recovery Well
- NG Production Well
- Public Water Supply Well

**2016 TCE (300 to 500 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (300 to 500 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-15 | REV / DATE | 5/19/2017 |

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# TCE
# (500 to 700 feet bgs)

N

HWD-10-1 ND
HWD-9-2 28
HWD-9-3 0.75
HWD-8-3 98.7
NG
HR
NWIRP
BCP
1.2 VPB134
ND VPB135
13 VPB136
Bethpage
WELL 3 510
NG
WELL 1 768
200 VPB144
GM-33D2 17.5
GM-73D2 169
GM-73D3 1.7
54 VPB157
RE123D2 1.8
159 WELL 17
51.2
Well 18
GM-74D2 7.2
GM-74D3 5.5
141 Well 19
GM-15D2 9
19 VPB140
17 RE107D1
140 RE107D2
ND RE107D3
280 VPB141
GM-75D2 18.7
520 RE122D1
5300 RE122D2
8200 VPB156
RE126D1 26
RE126D2 530
RE126D3 3.3
VPB160 520
RE108D1 56
RE108D2 2900
VPB142 740
GM-35D2 63.3
940 RE103D1
780 RE103D2
VPB137 1800
GM-34D2 157
5 µg/L
100 µg/L
1,000 µg/L
RW-21_VP-4 2.4
RW-21_VP-1 744
RW-21_MW-1 2600
RW-21_VP-3 13200
RW-21_MW-3-1 8870
RW-21_MW-3-2 3220
RW-21_MW-2 2740
RW-21_VP-2 78.1
RW-21_MW-7 6490
RW-21_VP-7 4870
RW-21_VP-6 1800
RW-21_MW-6 1220
RW-21_VP-5 12.4
RW-21_MW-5-2 8.6
RW-21_VP-8 170
RW-21_MW-12-1 ND
RW-21_VP-12 0.38
RW-21_MW-9 450
RW-21_VP-9 241
RW-21_MW-11 1360
RW-2T_VP-11 1870
BWD-4-1 2.6
BWD-4-2 113
GM-36D2 1.1
VPB138
RW-03 230
204
LWD-2A 60.6
LWD-6B 1.22
LWD-5A 0.96
HEMPSTEAD TNPK
Levittown
240 RE125D2
VPB159 640
54 RE131D2
6.6 RE131D3
VPB165 39
1800 VPB154
RE120D1 1000
110 RE105D1
VPB139 32
TT-101D1 190
RE121D1 29
VPB155 45
Plainedge
BPOW 1-5 ND
LWD-7A
LWD-8A ND
ND
VPB158 ND
RE114D1 370
RE114D2 70
VPB148 520
110 VPB149
VPB150 ND
ND RE128D1
VPB162 ND
BPOW 4-1R 1
BPOW 3-3
BPOW 3-4 ND
80.7
VPB131 ND
BPOW 2-3 ND
SFWD-3-1 ND
BPOW 3-2 ND
BPOW 3-1 ND
ND BPOW 5-2
BPOW 5-3 ND
VPB132 ND
VPB161 ND
NYAW-4S 4
NYAW-3S
1.62
ND
BPOW 5-5
BPOW 5-6 ND
VPB152 ND
ND BPOW 5-7
VPB153 ND
LWD-14 ND
BPOW 5-4
VPB151 ND
ND
VPB163 ND
SFWD-6-1
SFWD-6-2 ND
ND
North Massapequa
ND VPB133
TT-102D ND
SOUTHERN STATE PKWY
North Wantagh
BPOW 6-4 ND
BPOW 6-5 ND
VPB167 ND
VPB146 ND
VPB147 ND
VPB145 ND
MWD-4 ND

## Legend

- Monitoring Well
- Vertical Profile Boring
- Recovery Well
- NG Production Well
- Public Water Supply

**2016 TCE (500 to 700 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter
**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (500 to 700 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-16 | REV / DATE | 5/19/2017 |

NOR P:\GIS_files\Bethpage\MAP DOCS\MXD\2017_SP\Finals\2016_500-700_TCE_appB.mxd MMC 5/19/2017

# TCE
# (Greater than 700 feet bgs)

N

NG
HR
NWIRP
BCP
NG

VPB134 ND
VPB135 ND
VPB136 ND
VPB144 ND
RE123D3 ND
VPB157 ND
VPB140 ND
VPB141 ND
VPB160 ND
RE122D3 5.1
VPB156 1.8
VPB142 ND
RE103D3 500
VPB137 1.6
RW-21_VP-1 3.9
RW-21_VP-2 1.7
RW-21_VP-3 18.7
RW-21_VP-4 0.57
RW-21_VP-5 ND
RW-21_VP-6 5.6
RW-21_VP-7 4.5
RW-21_VP-9 3.4
RW-21_VP-11 4.2
RE104D3 0.56
RE104D2 10
VPB138 ND
BWD-6-2 1280
BWD-5-1 32.4
RE105D2 1800
VPB139 1200
VPB159 99
RE125D3 150
VPB165 ND
VPB154 700
RE120D2 670
RE120D3 41
TT-101D2 740
RE121D2 480
VPB155 ND
VPB158 ND
RE114D3 43
VPB148 28
VPB149 16
BPOW 4-2R 1.5
LWD-13 ND
VPB131 61
VPB132 ND
VPB150 ND
BPOW 1-6 ND
SFWD-1-4 ND
RE128D2 ND
VPB162 ND
ND
RE118D1 ND
VPB152 ND
RE119D1 ND
VPB153 2.8
RE117D1 ND
RE117D2 17
RE129D1 ND
RE129D2 ND
VPB151
VPB163 1.6
TT-102D2 ND
VPB133 ND
BPOW 6-3 ND
BPOW 6-6 ND
VPB167 ND
VPB146 ND
VPB147 ND
VPB145 ND
BPOW 6-2 ND
MWD-5 ND

100 µg/L
5 µg/L
1,000 µg/L
5 µg/L

HEMPSTEAD TNPK
SOUTHERN STATE PKWY
Levittown
Bethpage
Plainedge
North Massapequa
North Wantagh

## Legend

- Monitoring Well
- Vertical Profile Boring
- Public Water Supply

**2016 TCE (Greater than 700 feet bgs)**

- 5 µg/L TCE (inferred)
- 100 µg/L TCE
- 1,000 µg/L TCE

0 1,000 2,000 3,000 4,000 Feet

**Notes:**

BCP- Bethpage Community Park (OU3)
bgs- below ground surface
HR- Hooker Ruco Superfund Site
MCL- maximum contaminant level
ND- non detect
NG- Former Northrop Grumman Facility
NWIRP- Former Naval Weapons Industrial Reserve Plant Bethpage Facility
OU- Operable Unit
TCE- Trichloroethene
µg/L- microgram per liter

**100- Exceeds TCE MCL of 5µg/L**
**1.6- Below TCE MCL of 5µg/L**

NAVFAC Naval Facilities Engineering Command

**2016 TCE CONCENTRATION IN GROUNDWATER (GREATER THAN 700 FEET BGS) NWIRP BETHPAGE, NEW YORK**

| FILE | 112G08005-WE09 | SCALE | AS NOTED |
|---|---|---|---|
| FIGURE NO. | B-17 | REV DATE | 5/19/2017 |

NOR P:\GIS_files\BethpageMAP DOCS\MXD\2017_SP\Finals\2016_BP_700below_TCE_appB.mxd MMC 5/19/2017

# APPENDIX C
# AVERAGE LINEAR VELOCITY CALCULATIONS

# APPENDIX C
# BASIS FOR HYDROGEOLOGICAL CALCULATIONS

Groundwater and the associated VOC plume migration rates are estimated using hydrogeological data collected from Northrop Grumman and NWIRP wells in 2016 and values of aquifer hydraulic conductivities from recent field studies. Plume migration rates may vary from the groundwater flow rates due to non-uniform flow pathways, dilution, area-wide pumping by supply wells, and targeted VOC mass removal from groundwater by remedial wells.

The 2016 groundwater data included measured groundwater depths (i.e., levels) at area-wide monitoring wells. The levels were converted to elevation and plotted on regional maps to develop groundwater contour maps. Using these data, groundwater elevation contour maps were developed for the four depth intervals: less than 300 feet bgs (Figure 3-9); 300 to 500 feet bgs (Figure 3-10); 500 to 700 feet bgs (Figure 3-11); and greater than 700 feet bgs (Figure 3-12). With this level of detail, groundwater flow velocities could be estimated for various locations in the study area and different vertical hydrogeologic zones.

The migration of VOCs is dependent on several factors. On a microscopic scale, groundwater (and groundwater contaminants) moves through open pore spaces in saturated aquifer sediments comprised of gravel, sand, silt, and clay in response to elevation and/or pressure-head differences (i.e., hydraulic gradients) between two locations. Over larger areas, the “average linear velocity” that can be computed, represents the average path of groundwater in the subsurface. The average linear velocity provides an estimate of how long it would take groundwater (and a non-reactive chemical) to move in an aquifer. Average linear velocity is computed using hydraulic conductivity, hydraulic gradient (determined from a groundwater contour map), and effective porosity (i.e., specific yield).

Hydraulic conductivities and effective porosities selected for the average linear groundwater flow velocity analyses for each depth interval are as follows:

- 0 to 300 feet bgs: 50 feet per day and a porosity of 25 percent
- 300 to 500 feet bgs: 78 feet per day and a porosity of 25 percent
- 500 to 700 feet bgs: 87 feet per day and a porosity of 25 percent
- Greater than 700 feet bgs: 120 feet per day and a porosity of 25 percent

Hydraulic conductivities for the three lower zones (300 to 500 feet bgs; 500 to 700 feet bgs; greater than 700 feet bgs) were obtained from recent site aquifer pumping tests conducted at Bethpage Water District Well 6-2 (Resolution, 2016). Data from other similar tests conducted at Bethpage Water District Well 6-2 (Tetra Tech, 2014 and Resolution, 2016) and GM38 Area Hotspot (OU2) (Tetra Tech, 2010) were also considered. Of the three studies, the 2016 Resolution evaluation was the most comprehensive aquifer pumping test for the area in duration (6 weeks versus 3 days) and the number of wells monitored. The testing also included two periods of pumping that provided comparable results for each analysis.

Hydraulic conductivity values from these pumping tests did not evaluate the shallow aquifer zone (0 to 300 feet bgs). Therefore, the shallow aquifer zone hydraulic conductivity (50 feet per day) is based on the final calibrated conductivity for the unconfined Magothy aquifer from the groundwater flow model developed by the U.S. Geological Survey (USGS) for the GM38 Hot Spot (OU2) capture zone analysis (Misut, 2014). The model-based glacial aquifer zone (upper portion of this zone) hydraulic conductivity of 200 feet per day was not incorporated into the 0 to 300 feet bgs zone because the VOCs are predominantly in the Magothy aquifer, particularly in the downgradient plume edge located south of Hempstead Turnpike.

A porosity of 25 percent is used for the current analysis and represents a typical porosity for sand, sand mixtures, and gravels (Spitz and Moreno, 1996); is the mid-range for porosities cited in literature for Long Island outwash deposits (ARCADIS, 2003); and has been used in prior site groundwater modeling efforts (Misut, 2014; ARCADIS, 2010, 2003).

Hydraulic gradients are presented in in Figures 3-9 through 3-12. These groundwater flow paths cover the entire study area and would incorporate effects from pumping wells active at the time of the measurements (May 2016). The month of May represents a moderate pumping period for the local water districts, between the minimum pumping rates that occur in the winter months, and the peak pumping rates that occur in the summer months. The contour interval (elevation difference) for the groundwater elevation maps is five feet. The aquifer for each depth interval was assumed to be isotropic (i.e., equal hydraulic conductivity in the east-west and north-south directions); therefore groundwater flow paths were established perpendicular to the groundwater contours. Estimating groundwater gradient along multiple groundwater flow lines and over four aquifer depth intervals provided statistically-based ranges and averages for the offsite groundwater flow velocity estimates. Computations for these average linear groundwater flow velocities are in Table C-1.

The resulting arithmetic mean and range of linear groundwater flow velocities computed for the four depth intervals are as follows:

- Shallow, 0 to 300 feet bgs: Mean of 168 feet per year, with a range of 160 to 180 feet per year.
- Intermediate-Depth, 300 to 500 feet bgs: Mean of 270 feet per year, with a range of 120 to 420 feet per year.
- Upper Deep, 500 to 700 feet bgs: Mean of 330 feet per year, with a range of 170 to 540 feet per year.
- Lower Deep, greater than 700 feet bgs: Mean of 500 feet per year, with a range of 180 to 1,200 feet per year.

The groundwater flow rates are based on groundwater elevation contour maps developed from a single round of groundwater measurements collected in May 2016. This round of measurements represents the most complete data set available for this area. The estimates assume average hydraulic conductivities and effective porosities applied as constants across the entire depth zone. Estimated seepage velocities will vary based on changes in short-term or long-term well field pumping rates over time (i.e., changes to

groundwater elevations and hydraulic gradients), the location within the measured groundwater flow field, and from spatial and temporal variations in hydraulic conductivity and porosity. The values are horizontal average linear velocities that do not represent vertical (i.e., downward or upward) movement of groundwater that may occur from vertical hydraulic gradients.

For South Farmingdale Water District Plant 6, based on hydrogeological calculations in the screened depth interval of 500 to 700 feet bgs, groundwater is estimated to flow at the mean velocity of 250 feet per year in this interval could travel the distance from the currently known edge of the plume to South Farmingdale Water District Wells 6-1 and 6-2 (a distance of 2,800 feet) in approximately 11 years. However, plume migration in this area would be hindered by the operation of South Farmingdale Water District Plant 3 and New York American Water (both with VOC treatment), and it is unclear whether or not the plume would ever reach South Farmingdale Water District Wells 6-1 and 6-2. Because of uncertainty inherent in this type of calculation, outpost wells are in place to provide five-year advance notice so that installation of treatment at these supply wells can be initiated, if necessary.

Massapequa Water District Wells 4 and 5 are screened in the depth intervals of 500 to 700 feet bgs (Well 4) and the greater than 700 feet bgs (Well 5). It is unclear whether or not the VOC plume would be able to reach these wells because the migration would be hindered by the pumping of multiple water supply wells at South Farmingdale Water District Plants 3 and 6 and New York American Water – Seamans Neck Road Facility that operate between the plume edge and Massapequa Water District wells. The impact of South Farmingdale Water District and New York American Water groundwater pumping on limiting continued plume migration to the south toward Massapequa Water District wells is indicated by the low point in the groundwater contours shown in Figures 3-11 and 3-12 in the area of Southern State Parkway. The arc in the 35-foot groundwater elevation contour on Figure 3-11, near well South Farmingdale Water District Well 3-1, indicates that groundwater is converging towards that well. The closed-loop, 25- and 30-foot groundwater elevation contours on the figures suggest that groundwater from the north and south is converging towards South Farmingdale Water District Plant 6 and New York American Water wells. Groundwater flow in this area is based on groundwater elevation data at wells BPOW 6-1 through BPOW 6-6, north of Southern State Parkway, and the 35-foot groundwater elevation contours south of Southern State Parkway on both figures. Figures 3-11 and 3-12 show ridges of higher groundwater elevations at well BPOW 6-4 (500 to 700 feet bgs zone) and wells BPOW 6-3 and BPOW 6-6 (greater than 700 feet bgs zone). Groundwater north of these ridges will flow primarily to the north, and groundwater south of these ridges will flow to the south. These contours indicate that some portion of groundwater is being captured by the South Farmingdale Water District and New York American Water wells that are located several thousand feet north of Massapequa Water Supply Wells 4 and 5.

A hypothetical scenario was developed to consider potential plume travel times to Massapequa Water District Water Wells 4 and 5 in the event that South Farmingdale and New York American Water wells in this area were no longer operating. To develop this scenario, assumptions used by the USGS in their

baseline modelling efforts for the Magothy aquifer (Figure 5 in Misut, 2014) were used to estimate the hydraulic gradient (0.0017 foot per foot). The average linear velocities for the 500 to 700 feet bgs zone (for Massapequa Water District Well 4) and greater than 700 feet bgs zone (for Massapequa Water District Well 5) are 221 and 305 feet per year, respectively. The result of these calculations is that groundwater could travel from the current edge of the plume to these wells (distances of 7,600 feet and 7,300 feet, respectively) within 24 to 34 years. Because of uncertainty inherent in this type of calculation, outpost wells are in place to provide five-year advance notice so that installation of treatment at these supply wells can be initiated, if necessary.

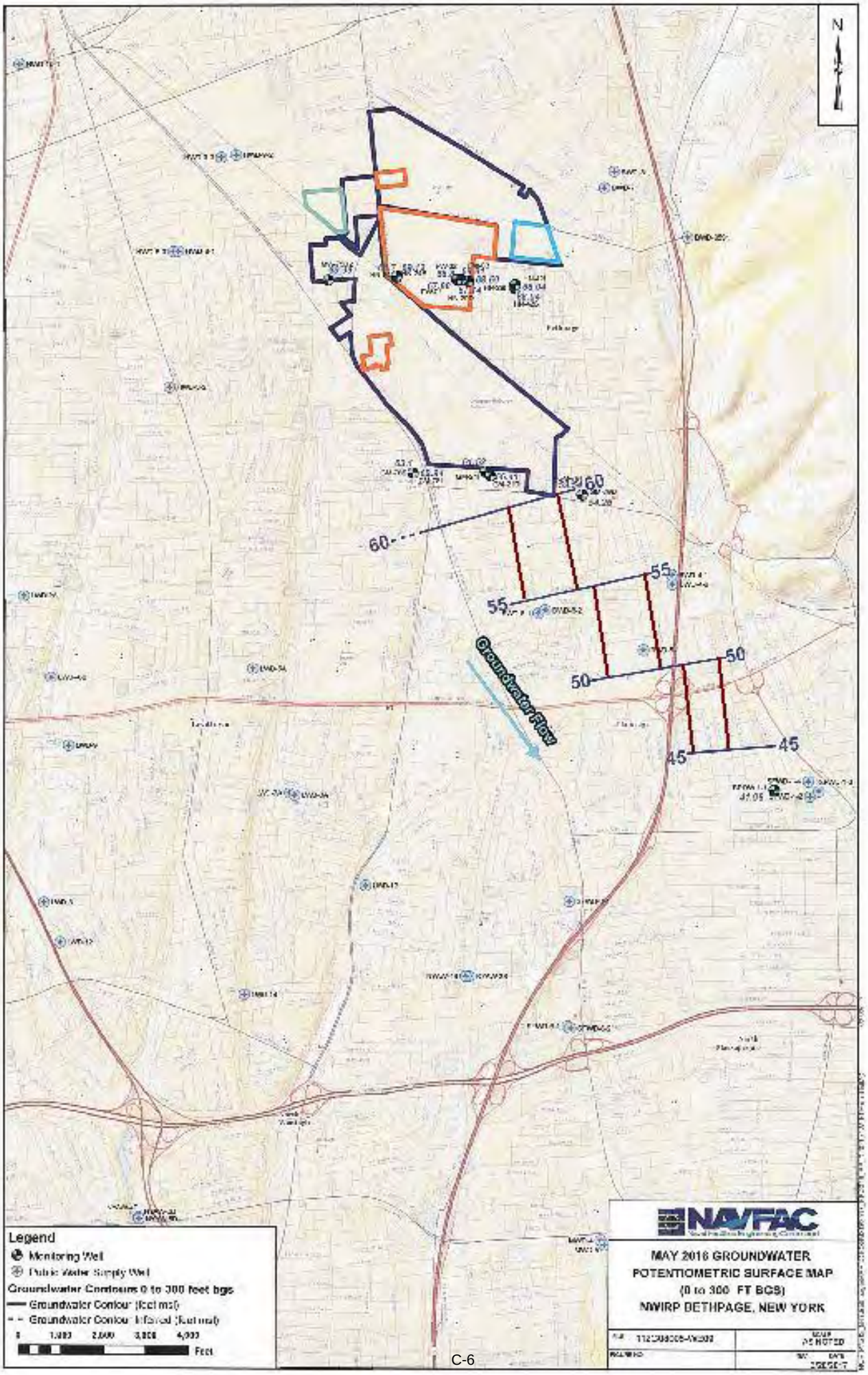
# Table C-1 Linear Groundwater Velocity Calculations
## May 2016 Groundwater Elevation Contours
## Former NWIRP, Bethpage, New York

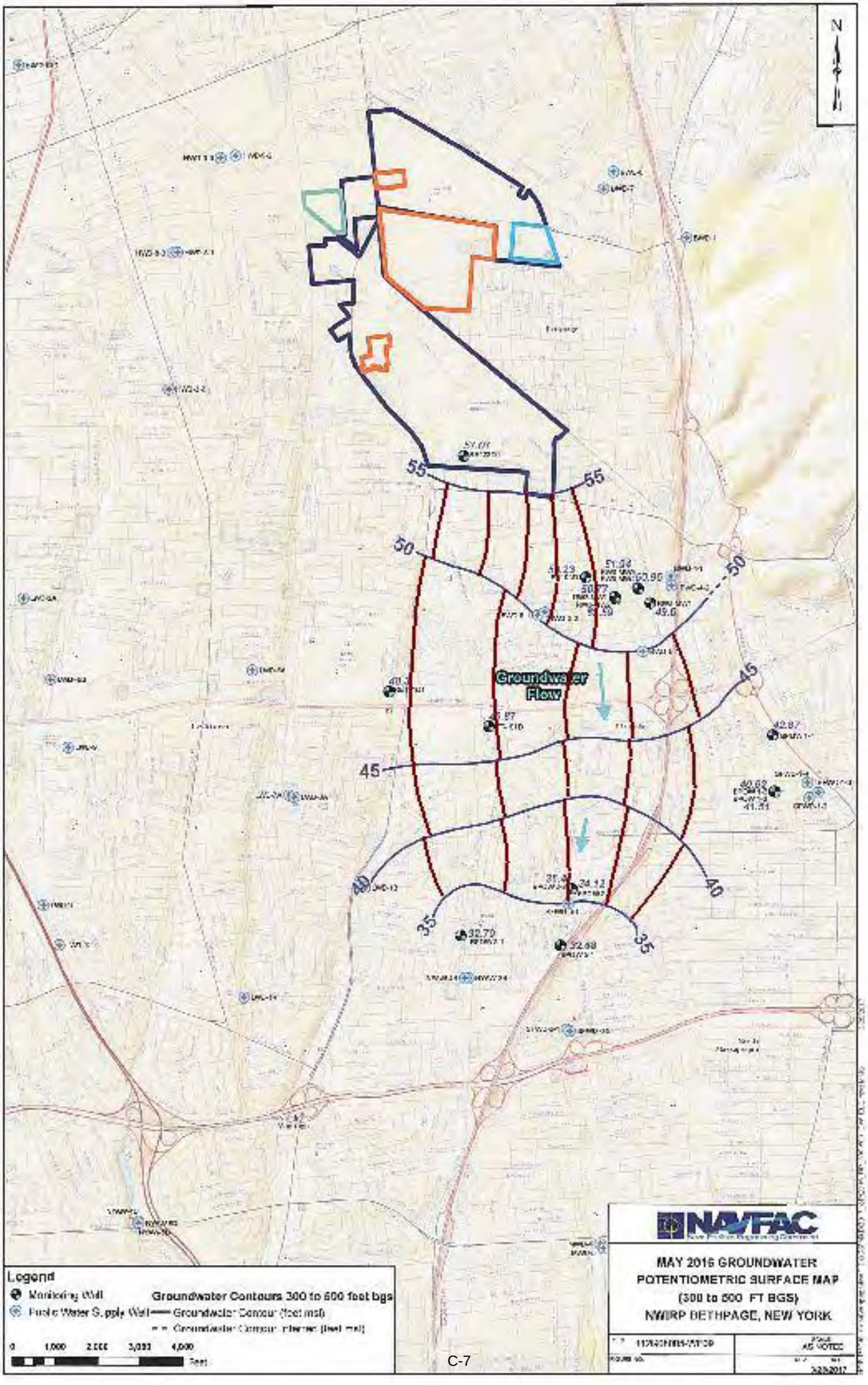
| Aquifer Depth Interval - 300 and above | | | | | | | | Aquifer Depth Interval - 300-500 feet | | | | | | | Aquifer Depth Interval - 500-700 feet | | | | | | | Aquifer Depth Interval - 700 feet and below | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Contour range on map (feet) | Measured distance between contours (feet) | Gradient (foot/foot) | Hydraulic conductivity (K) (feet/day) | Effective porosity ($ft^3/ft^3$) | Average linear velocity (feet/day) | Average annual velocity (feet/year) | Average of contour range (feet/year) | Measured distance between contours (feet) | Gradient (foot/foot) | Hydraulic conductivity (K) (feet/day) | Effective porosity ($ft^3/ft^3$) | Average linear velocity (feet/day) | Average annual velocity (feet/year) | Average of contour range (feet/year) | Measured distance between contours (feet) | Gradient (foot/foot) | Hydraulic conductivity (K) (feet/day) | Effective porosity ($ft^3/ft^3$) | Average linear velocity (feet/day) | Average annual velocity (feet/year) | Average of contour range (feet/year) | Measured distance between contours (feet) | Gradient (foot/foot) | Hydraulic conductivity (K) (feet/day) | Effective porosity ($ft^3/ft^3$) | Average linear velocity (feet/day) | Average annual velocity (feet/year) | Average of contour range (feet/year) |
| 55-60 | 2235.42 | 0.002237 | 50.0 | 0.25 | 0.447 | 163.28 | | | | | | | | | | | | | | | | | | | | | | |
| | 2304.69 | 0.002169 | 50.0 | 0.25 | 0.434 | 158.37 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 160.83 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-55 | 2169.20 | 0.002305 | 50.0 | 0.25 | 0.461 | 168.26 | | 1786.07 | 0.002799 | 78.0 | 0.25 | 0.873 | 318.80 | | 2321.22 | 0.002154 | 87.0 | 0.25 | 0.750 | 273.61 | | 2956.11 | 0.0016914 | 120.0 | 0.25 | 0.812 | 296.34 | |
| | 2241.94 | 0.002230 | 50.0 | 0.25 | 0.446 | 162.81 | | 2020.37 | 0.0024748 | 78.0 | 0.25 | 0.772 | 281.83 | | 2095.68 | 0.0023859 | 87.0 | 0.25 | 0.830 | 303.05 | | 2988.16 | 0.0016733 | 120.0 | 0.25 | 0.803 | 293.16 | |
| | | | | | | | 165.54 | 2494.13 | 0.0020047 | 78.0 | 0.25 | 0.625 | 228.30 | | 2709.41 | 0.0018454 | 87.0 | 0.25 | 0.642 | 234.41 | | 2994.72 | 0.0016696 | 120.0 | 0.25 | 0.801 | 292.51 | |
| | | | | | | | | 3140.62 | 0.001592 | 78.0 | 0.25 | 0.497 | 181.30 | | 3685.98 | 0.0013565 | 87.0 | 0.25 | 0.472 | 172.30 | | | | | | | | 294.00 |
| | | | | | | | | 3857.15 | 0.0012963 | 78.0 | 0.25 | 0.404 | 147.62 | | | | | | | | 245.84 | | | | | | | |
| | | | | | | | | | | | | | | 231.57 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45-50 | 2078.61 | 0.002405 | 50.0 | 0.25 | 0.481 | 175.60 | | 4930.78 | 0.001014 | 78.0 | 0.25 | 0.316 | 115.48 | | 2492.11 | 0.0020063 | 87.0 | 0.25 | 0.698 | 254.84 | | 2628.93 | 0.0019019 | 120.0 | 0.25 | 0.913 | 333.22 | |
| | 2158.39 | 0.002317 | 50.0 | 0.25 | 0.463 | 169.11 | | 4020.99 | 0.0012435 | 78.0 | 0.25 | 0.388 | 141.61 | | 2369.15 | 0.0021105 | 87.0 | 0.25 | 0.734 | 268.07 | | 2444.27 | 0.0020456 | 120.0 | 0.25 | 0.982 | 358.39 | |
| | | | | | | | 172.35 | 2296.13 | 0.0021776 | 78.0 | 0.25 | 0.679 | 247.98 | | 2371.90 | 0.002108 | 87.0 | 0.25 | 0.734 | 267.76 | | 3706.94 | 0.0013488 | 120.0 | 0.25 | 0.647 | 236.31 | |
| | | | | | | | | 2072.61 | 0.0024124 | 78.0 | 0.25 | 0.753 | 274.73 | | 2337.53 | 0.002139 | 87.0 | 0.25 | 0.744 | 271.70 | | 4198.12 | 0.001191 | 120.0 | 0.25 | 0.572 | 208.66 | |
| | | | | | | | | 2111.14 | 0.0023684 | 78.0 | 0.25 | 0.739 | 269.71 | | 2030.41 | 0.0024626 | 87.0 | 0.25 | 0.857 | 312.79 | | 4960.68 | 0.0010079 | 120.0 | 0.25 | 0.484 | 176.59 | |
| | | | | | | | | | | | | | | 209.90 | 1537.85 | 0.0032513 | 87.0 | 0.25 | 1.131 | 412.98 | | | | | | | | 262.63 |
| | | | | | | | | | | | | | | | | | | | | | 298.02 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-45 | | | | | | | | 1719.69 | 0.0029075 | 78.0 | 0.25 | 0.907 | 331.11 | | 1687.62 | 0.0029628 | 87.0 | 0.25 | 1.031 | 376.33 | | 2393.99 | 0.0020886 | 120.0 | 0.25 | 1.003 | 365.92 | |
| | | | | | | | | 1346.34 | 0.0037138 | 78.0 | 0.25 | 1.159 | 422.92 | | 2039.09 | 0.0024521 | 87.0 | 0.25 | 0.853 | 311.46 | | 2517.43 | 0.0019862 | 120.0 | 0.25 | 0.953 | 347.97 | |
| | | | | | | | | 1368.10 | 0.0036547 | 78.0 | 0.25 | 1.140 | 416.20 | | 1620.69 | 0.0030851 | 87.0 | 0.25 | 1.074 | 391.87 | | 2530.15 | 0.0019762 | 120.0 | 0.25 | 0.949 | 346.22 | |
| | | | | | | | | 1529.74 | 0.0032685 | 78.0 | 0.25 | 1.020 | 372.22 | | 1487.89 | 0.0033605 | 87.0 | 0.25 | 1.169 | 426.85 | | 1348.40 | 0.0037081 | 120.0 | 0.25 | 1.780 | 649.66 | |
| | | | | | | | | 2784.89 | 0.0017954 | 78.0 | 0.25 | 0.560 | 204.46 | | 1225.24 | 0.004081 | 87.0 | 0.25 | 1.420 | 518.35 | | 1434.04 | 0.0034867 | 120.0 | 0.25 | 1.674 | 610.86 | |
| | | | | | | | | | | | | | | 349.38 | 1179.22 | 0.0042401 | 87.0 | 0.25 | 1.476 | 538.58 | | 1540.88 | 0.0032449 | 120.0 | 0.25 | 1.558 | 568.51 | |
| | | | | | | | | | | | | | | | | | | | | | 427.24 | | | | | | | 481.52 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35-40 | | | | | | | | 1490.23 | 0.0033552 | 78.0 | 0.25 | 1.047 | 382.09 | | 2498.07 | 0.0020015 | 87.0 | 0.25 | 0.697 | 254.24 | | 2538.24 | 0.0019699 | 120.0 | 0.25 | 0.946 | 345.12 | |
| | | | | | | | | 1756.23 | 0.002847 | 78.0 | 0.25 | 0.888 | 324.22 | | 1477.03 | 0.0033852 | 87.0 | 0.25 | 1.178 | 429.98 | | 1920.97 | 0.0026029 | 120.0 | 0.25 | 1.249 | 456.02 | |
| | | | | | | | | 2422.99 | 0.0020636 | 78.0 | 0.25 | 0.644 | 235.00 | | 1719.83 | 0.0029073 | 87.0 | 0.25 | 1.012 | 369.28 | | 1605.83 | 0.0031137 | 120.0 | 0.25 | 1.495 | 545.51 | |
| | | | | | | | | 2360.88 | 0.002118 | 78.0 | 0.25 | 0.661 | 241.18 | | 1247.83 | 0.004007 | 87.0 | 0.25 | 1.394 | 508.96 | | 1430.64 | 0.0034949 | 120.0 | 0.25 | 1.678 | 612.31 | |
| | | | | | | | | 2205.51 | 0.002267 | 78.0 | 0.25 | 0.707 | 258.17 | | 1453.38 | 0.0034403 | 87.0 | 0.25 | 1.197 | 436.98 | | 1276.25 | 0.0039177 | 120.0 | 0.25 | 1.881 | 686.39 | |
| | | | | | | | | | | | | | | 288.13 | 1797.21 | 0.0027821 | 87.0 | 0.25 | 0.968 | 353.38 | | 1134.93 | 0.0044056 | 120.0 | 0.25 | 2.115 | 771.85 | |
| | | | | | | | | | | | | | | | | | | | | | 392.14 | | | | | | | 569.53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30-35 | | | | | | | | | | | | | | | 2301.99 | 0.002172 | 87.0 | 0.25 | 0.756 | 275.89 | | 2154.71 | 0.0023205 | 120.0 | 0.25 | 1.114 | 406.55 | |
| | | | | | | | | | | | | | | | 2650.95 | 0.0018861 | 87.0 | 0.25 | 0.656 | 239.57 | | 2530.73 | 0.0019757 | 120.0 | 0.25 | 0.948 | 346.15 | |
| | | | | | | | | | | | | | | | 2564.66 | 0.001950 | 87.0 | 0.25 | 0.678 | 247.64 | | 3264.87 | 0.0015315 | 120.0 | 0.25 | 0.735 | 268.31 | |
| | | | | | | | | | | | | | | | 2706.01 | 0.001848 | 87.0 | 0.25 | 0.643 | 234.70 | | 2909.84 | 0.0017183 | 120.0 | 0.25 | 0.825 | 301.05 | |
| | | | | | | | | | | | | | | | | | | | | | 249.45 | | 2764.96 | 0.0018083 | 120.0 | 0.25 | 0.868 | 316.82 | |
| | | | | | | | | | | | | | | | | | | | | | | | 2855.38 | 0.0017511 | 120.0 | 0.25 | 0.841 | 306.79 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 324.28 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25-30 | | | | | | | | | | | | | | | | | | | | | | | 1303.71 | 0.0038352 | 120.0 | 0.25 | 1.841 | 671.93 | |
| | | | | | | | | | | | | | | | | | | | | | | | 781.08 | 0.0064014 | 120.0 | 0.25 | 3.073 | 1121.52 | |
| | | | | | | | | | | | | | | | | | | | | | | | 716.23 | 0.006981 | 120.0 | 0.25 | 3.351 | 1223.07 | |
| | | | | | | | | | | | | | | | | | | | | | | | 839.68 | 0.0059546 | 120.0 | 0.25 | 2.858 | 1043.25 | |
| | | | | | | | | | | | | | | | | | | | | | | | 859.27 | 0.0058189 | 120.0 | 0.25 | 2.793 | 1019.47 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1015.85 |
| **Average** | | | | | | | 166.24 | 166.24 | | | | | | 269.75 | 269.75 | | | | | | 334.06 | 322.54 | | | | | | 500.85 | 491.30 |
| **Minimum** | | | | | | | 158.37 | | | | | | | 115.48 | | | | | | | 172.30 | | | | | | | 176.59 | |
| **Maximum** | | | | | | | 175.60 | | | | | | | 422.92 | | | | | | | 538.58 | | | | | | | 1223.07 | |

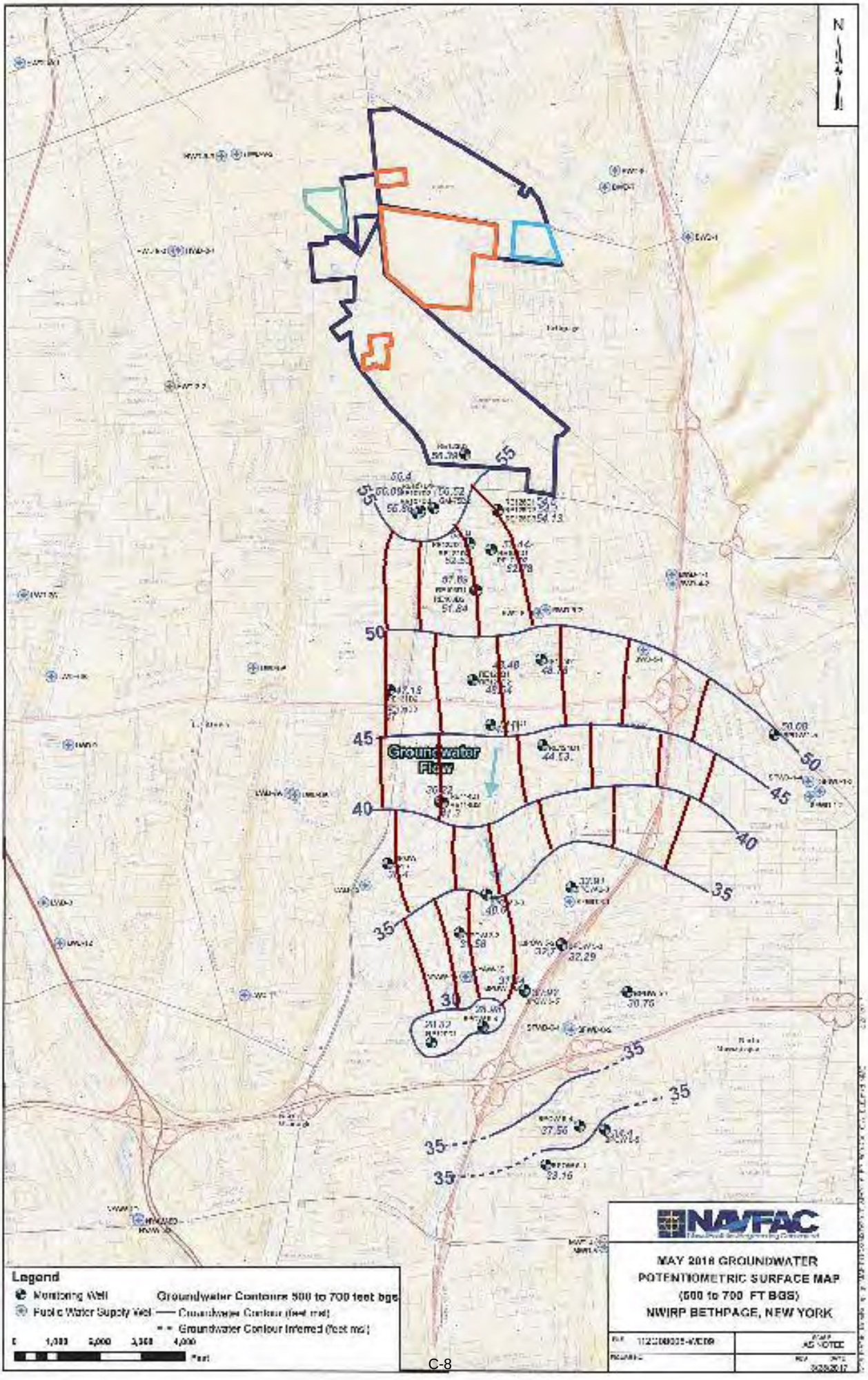
| Input Parameters by Aquifer Depth | | |
|---|---|---|
| K 0-300 = | 50 | ft/day |
| n 0-300 = | 0.25 | $ft^3/ft^3$ |
| K 300-500 = | 78 | ft/day |
| n 300-500= | 0.25 | $ft^3/ft^3$ |
| K 500-700 = | 87 | ft/day |
| n 500-700 = | 0.25 | $ft^3/ft^3$ |
| K GT 700 = | 120 | ft/day |
| n GT 700 = | 0.25 | $ft^3/ft^3$ |

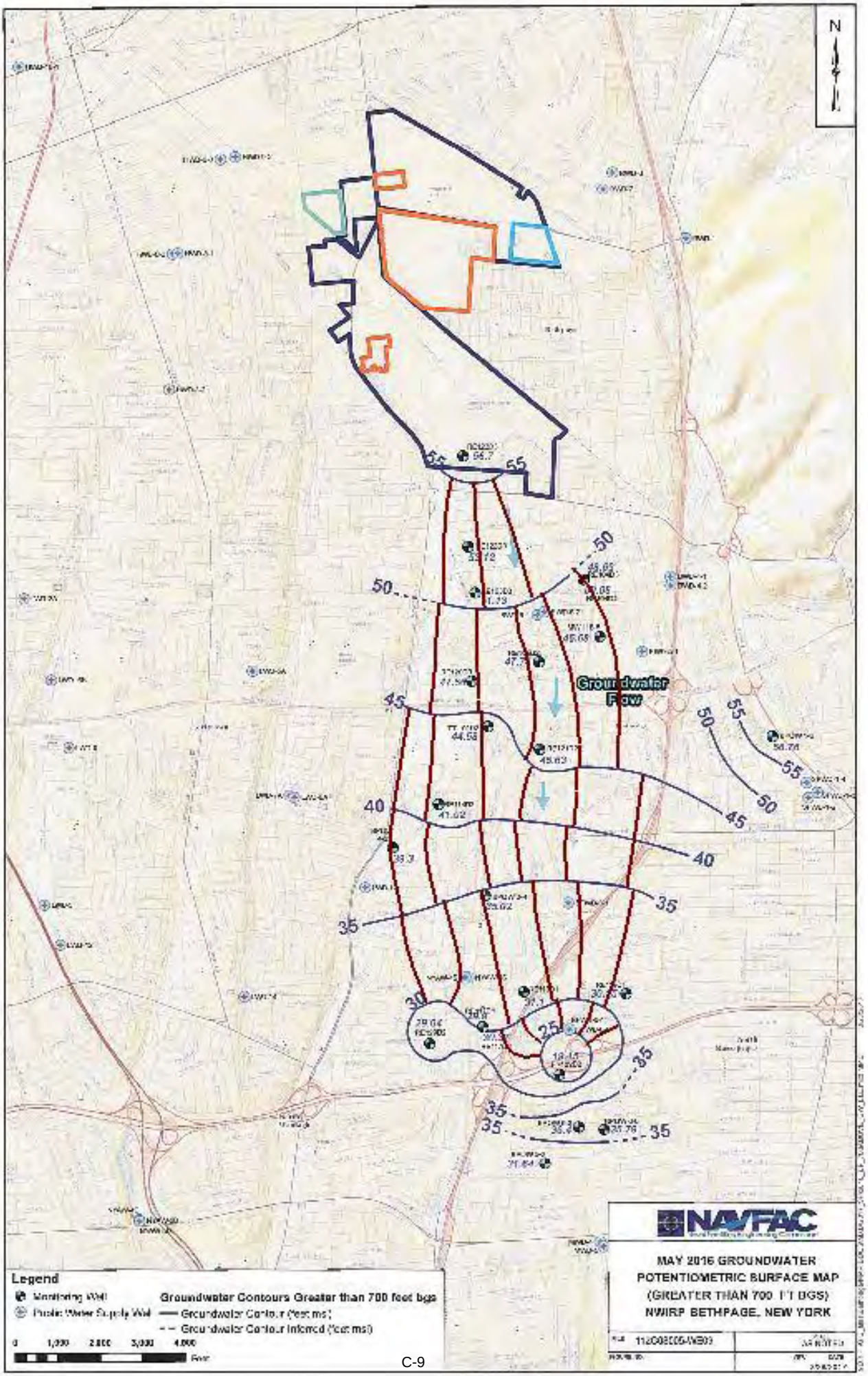
**Overall average linear velocity (all aquifer depths combined)**

| | | |
|---|---|---|
| Average = | 368.73 | ft/year |
| Minimum = | 115.48 | ft/year |
| Maximum = | 1223.07 | ft/year |


N
60
60
55
55
50
50
45
45
Groundwater Flow
Legend
Monitoring Well
Public Water Supply Well
Groundwater Contours 0 to 300 feet bgs
Groundwater Contour (Equal msl)
Groundwater Contour Inferred (Equal msl)
0
1,000
2,000
3,000
4,000
Feet
NAVFAC
MAY 2016 GROUNDWATER
POTENTIOMETRIC SURFACE MAP
(0 to 300 FT BGS)
NWIRP BETHPAGE, NEW YORK


N
55
50
45
40
35
Groundwater Flow
Legend
Monitoring Well
Groundwater Contours 300 to 600 feet bgs
Public Water Supply Well
Groundwater Contour (feet msl)
Groundwater Contour Interval (feet msl)
0
1,000
2,000
3,000
4,000
Feet
NAVFAC
MAY 2016 GROUNDWATER
POTENTIOMETRIC SURFACE MAP
(300 to 600 FT BGS)
NWIRP BETHPAGE, NEW YORK


N
Groundwater Flow
55
50
45
40
35
Legend
Monitoring Well
Public Water Supply Well
Groundwater Contours 500 to 700 feet bgs
Groundwater Contour (feet msl)
Groundwater Contour Inferred (feet msl)
0
1,000
2,000
3,000
4,000
Feet
NAVFAC
MAY 2018 GROUNDWATER
POTENTIOMETRIC SURFACE MAP
(500 to 700 FT BGS)
NWIRP BETHPAGE, NEW YORK


N
Groundwater Flow
55
50
45
40
35
30
25
Legend
Monitoring Well
Groundwater Contours Greater than 700 feet bgs
Groundwater Contour (feet msl)
Groundwater Contour Inferred (feet msl)
0
1,000
2,000
3,000
4,000
Feet
NAVFAC
MAY 2016 GROUNDWATER
POTENTIOMETRIC SURFACE MAP
(GREATER THAN 700 FT BGS)
NWIRP BETHPAGE, NEW YORK