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# Draft
# Round 17
# Groundwater Monitoring Report
# for
# Area A Landfill

## Naval Submarine Base
## New London
## Groton, Connecticut

**Engineering Field Activity, Northeast**
**Naval Facilities Engineering Command**
**Contract Number N62472-02-D-0810**
**Contract Task Order 0002**

June 2006

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# DRAFT
# ROUND 17 GROUNDWATER MONITORING REPORT
# FOR
# AREA A LANDFILL

## NAVAL SUBMARINE BASE – NEW LONDON
## GROTON CONNECTICUT

**ENVIRONMENTAL OPERATION AND MAINTENANCE CONTRACT**

**Submitted to:**
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# LIST OF ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| **µg/L** | micrograms per liter |
| **B&R** | Brown and Root |
| **COD** | chemical oxygen demand |
| **COPC** | contaminant of potential concern |
| **CTDEP** | Connecticut Department of Environmental Protection |
| **DO** | dissolved oxygen |
| **EPA** | United States Environmental Protection Agency |
| **FFS** | Focused Feasibility Study |
| **GMP** | Groundwater Monitoring Plan |
| **IDW** | investigation-derived waste |
| **MDL** | minimum detection level |
| **mV** | millivolts |
| **Navy** | United States Department of the Navy |
| **NSB-NLON** | Naval Submarine Base – New London |
| **NTU** | nephelometric turbidity unit |
| **ORP** | oxidation-reduction potential |
| **OU** | Operable Unit |
| **PAH** | polynuclear aromatic hydrocarbon |
| **PRAP** | Proposed Remedial Action Plan |
| **RA** | Remedial Action |
| **RI** | Remedial Investigation |
| **RL** | reporting limit |
| **ROD** | Record of Decision |
| **SpC** | specific conductance |
| **SVOC** | semivolatile organic compound |
| **TAL** | target analyte list |
| **TCL** | target compound list |
| **TDS** | total dissolved solids |
| **TOC** | total organic carbon |
| **TSS** | total suspended solids |
| **TtNUS** | Tetra Tech NUS, Inc. |

# 1.0 INTRODUCTION

A Remedial Action (RA) was completed in 1997 for the Area A Landfill site at the Naval Submarine Base - New London (NSB-NLON) near Groton, Connecticut. The RA was done in order to address the risk from direct exposure to landfill material and to minimize the risk of landfill contaminants leaching into the groundwater. The RA consisted of capping the site with a multilayer low-permeability cover system and installing a surface water and shallow groundwater interception and diversion system upgradient of the cover system. Groundwater and surface water are being monitored as part of the post-closure activities associated with the Area A Landfill in order to evaluate the effectiveness of the RA.

The objective of this Groundwater Monitoring Report is to present the results of the 17$^{th}$ round of long-term groundwater and surface water monitoring at the Area A Landfill site. Groundwater samples were collected from 10 wells, and surface water samples were collected from one seep and seven surface water locations. All groundwater and surface water samples were analyzed for a suite of analytes based on an evaluation of site history and previous analytical results. Sample collection and analyses were performed according to the *Draft Operation and Maintenance Manual for Installation Restoration Program Sites at Naval Submarine Base - New London, Volume II - Groundwater Monitoring Plan* (GMP) (Tetra Tech NUS, Inc. [TtNUS] 2002a). The evaluation of monitoring results compares the results to the criteria identified in the original *Groundwater Monitoring Plan for Area A Landfill* (TtNUS 1999).

## 1.1 BACKGROUND INFORMATION

The Naval Submarine Base - New London (NSB-NLON) is located in southeastern Connecticut in the towns of Ledyard and Groton. It encompasses approximately 687 acres and lies on the east bank of the Thames River, approximately 6 miles north of Long Island Sound. NSB-NLON is bounded on the east by Connecticut Route 12, on the south by Crystal Lake Road, and on the west by the Thames River (Figure 1-1). The northern border is a low, east-southeast trending ridge extending from the Thames River to Baldwin Hill.

NSB-NLON currently provides base command for naval submarine activities in the Atlantic Ocean. It also provides housing for United States Department of the Navy (Navy) personnel and their families and supports submarine training facilities, military offices, medical facilities, and facilities for submarine maintenance, repair, and overhaul.

The Area A Landfill is located in the northeastern and north-central part of NSB-NLON and encompasses approximately 13 acres (Figure 1-2). The Area A Landfill is relatively flat and is bordered by a steep, wooded hillside and ravine that rises to the southwest, and the Area A Wetland (Site 2B) to the northeast.

Access to the west end of the landfill is via a gate off of Wahoo Avenue; access to the east end of the landfill is via a paved road and gate adjacent to a parking lot for the Area A recreational facilities.

Before the Area A Landfill was opened, dredge spoil from the Thames River was deposited continuously along a major portion of the hillside and within the former valley, which is currently the Area A Wetland. The Area A Landfill reportedly opened sometime before 1957. However, a 1957 aerial photograph (United States Environmental Protection Agency [EPA] 1957) shows no apparent landfill activities, indicating a somewhat later start-up date. After the NSB-NLON incinerator closed in 1963, most of the wastes generated by submarine and base operations (including all non-salvageable materials) were disposed of in the landfill.

The area fill method was reportedly used in landfill operations at the Area A Landfill. The area fill method consists of filling an area in a sequence of cells and lifts. Each lift is a specified thickness and consists of several cells. Each cell can be viewed as a rectangular area that is filled from back to front. The front area is the "working face" and is the location where new refuse is placed and covered on a daily basis. The cover material used on the landfill was gravel obtained from the Groton water supply reservoir. The Area A Landfill closed in 1973.

After closure, a bituminous concrete pad approximately 160 x 100 feet in size was constructed in the landfill area for above ground storage of industrial wastes. Steel drums, transformers, and electrical switches were stored on this pad until the time of the RA. During the RA, all of these materials were properly disposed of off site.

A two-phase *Remedial Investigation* (RI) (Atlantic Environmental Services [Atlantic] 1992; Brown and Root [B&R] Environmental 1997) was conducted to determine the nature and extent of the contamination. The *Area A Landfill Focused Feasibility Study* (FFS) (Atlantic 1995a), and the *Proposed Remedial Action Plan* (Atlantic 1995b) also were prepared. The *Record of Decision* (ROD) was signed by the Navy and EPA Region I on September 26, 1995 (Navy 1995). The selected remedy consisted of the following major components:

- Restricting access to the site's contaminated areas using perimeter fencing and institutional controls;
- Capping the site with a low-permeability multilayer cover system to prevent water infiltration into the landfill;
- Constructing an interception system to collect shallow groundwater and stormwater, and re-route these around the landfill;
- Establishing landfill gas controls to manage landfill gas migration; and
- Developing a GMP to monitor the quality of groundwater after the landfill closure is completed.

Construction of the landfill cover system (including gas control and stormwater and shallow groundwater interception systems) was completed as part of an RA in September 1997 by Foster Wheeler Environmental Corporation. Before beginning construction, many objects that had been located on the landfill's surface were removed or relocated including (but not limited to) a large quantity of metal, concrete, and wood debris; several thousand sandbags; the deployed parking lot; the electrical storage building (Building 496); the Master at Arms Building (Building 373); and the salt storage shed. Most of the surficial debris was disposed of off site as scrap metal or at an off-site landfill. The debris that was salvageable by NSB-NLON was removed and relocated to other areas of NSB-NLON.

Preparation of the sub-grade cover required excavation from the northern slope of the landfill and placement of the excavated material on the southern slope. Also, approximately 4,000 cubic yards of soil from the Rubble Fill Area at Bunker A 86 (Site 4) and 1,000 cubic yards of common fill were placed over the eastern portion of the landfill, beneath the area of the relocated deployed parking lot. The soils were then compacted. During the sub-grade preparation activities, two on-site stormwater drainage structures were decommissioned. These structures consisted of open catch basins on the southern edge of the landfill that discharged into a reinforced concrete culvert running through the landfill and ultimately into the Area A Wetland. Both culverts were entirely filled with flowable concrete to eliminate potential voids in the sub-grade due to pipe collapse. The catch basins were filled with materials unsuitable for placement in the landfill sub-grade (e.g., tires, large metal, wood, and concrete debris) then encapsulated with flowable concrete fill.

The public works department at NSB-NLON has developed a plan for storing equipment and materials on the paved section of the completed landfill. Equipment such as trailer trucks, buses, and snow plows already have been relocated to the site.

## 1.2 REPORT ORGANIZATION

This report has been prepared to address the requirements for long-term groundwater monitoring at the Area A Landfill. Section 2.0 describes Round 17 field activities and Section 3.0 presents the analytical results from the Round 17 sampling effort.

# 2.0 FIELD INVESTIGATION ACTIVITIES

Planned field investigation activities for the 17th round of groundwater monitoring at the Area A Landfill included the following:

- One round of water level measurements at 16 monitoring wells and 11 staff gauges;
- Collection of groundwater samples from 11 monitoring wells;
- Collection of surface water samples from seven surface water locations; and
- Collection of one seep sample.

Round 17 field activities took place from December 5, 2005 through December 8, 2005. Monitoring well and staff gauge locations are shown on Figure 2-1. Copies of the monitoring well inspection sheets, groundwater level field forms, calibration logs, groundwater and surface water field forms, and data validation memos and laboratory analytical results for Round 17 are provided in Appendices A through E, respectively.

## 2.1 MONITORING WELL INSPECTION

Before water levels were measured, 15 of 16 monitoring wells were inspected (2LMW1D was recently added to the monitoring program and was inadvertently omitted). The following observations regarding the condition of the monitoring wells were reported:

- Monitoring wells 2LMW20S, 2WMW21S, 2WMW38DS, 2WMW40DS, and 3MW12D were in good condition.
- Monitoring well 2WMW39DS was in generally good condition but had standing water in the protective well casing.
- Monitoring well 2WMW41DS was in generally good condition but had standing water to the top of the protective well casing and around the well pad.
- Monitoring well 2WMW42DS had gravel missing around the well pad, and the area immediately around the well pad was under water.
- Monitoring well 2WMW45DS was in generally good condition but the area immediately around the well pad was wet and marshy.
- Monitoring well 2WMW43DS had a riser cap which was rusted and difficult to remove, and the area immediately around the well pad was wet.

- Monitoring well 2WMW44DS had gravel missing around the well pad, and the area immediately around the well pad was under water.
- Monitoring well 2WMW46DS had a riser cap which was rusted and difficult to remove, and the area immediately around the well pad was under water.
- Monitoring well 2WMW47DS was generally in good condition, but there was frozen water in the protective well casing.
- Monitoring well 3MW37S was generally in good condition, but the gravel surrounding the well pad was eroded.
- Monitoring Well 4MW1S was generally in good condition, but the casing was dented and tilted (the PVC riser was unaffected).

The Monitoring Well Inspection Sheets for the Round 17 sampling event are included as Appendix A.

## 2.2 WATER LEVEL MEASUREMENT

Prior to groundwater and surface water sampling, water levels were measured at 14 of 16 monitoring wells (2LMW20S was dry, and 2LMW1D was recently added to the monitoring program and was inadvertently omitted), and six of 11 staff gauge locations (SG15, SG16, and SG17 were dry, and SG24 was broken and the water level could not be recorded). Table 2-1 summarizes the water level measurements. Figure 2-2 illustrates the potentiometric surface map for the shallow groundwater at the Area A Landfill during the Round 17 sampling event. A copy of the water level measurement sheet is provided in Appendix B.

## 2.3 GROUNDWATER SAMPLING

Eleven monitoring wells in the Area A monitoring program (2LMW1D, 2LMW20S, 2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, 2WMW46DS, 3MW12D, 3MW37S, 4MW1S) were scheduled to be sampled during the 17$^{th}$ round of groundwater monitoring (Figure 2-1). Monitoring well 2LMW20S was not sampled because the well was dry.

In previous sampling events, 15 monitoring wells (2LMW20S, 2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, 2WMW46DS, 3MW12D, 3MW37S, 4MW1S, 2WMW38DS, 2WMW39DS, 2WMW41DS, 2WMW45DS, and 2WMW47DS) were sampled. Following the Draft Year 3 monitoring report, a verbal agreement was made between the Navy and EPA that the downgradient monitoring wells screened in the dredge spoil are redundant, and do not appear to reflect significant influence from the landfill. As a result, monitoring wells 2WMW38DS, 2WMW39DS, 2WMW41DS, 2WMW45DS, and 2WMW47DS were dropped from the Round 17 sampling event.

In addition, the discussion acknowledged rather sparse monitoring coverage of the alluvium, which may be a significant transport pathway for groundwater passing beneath the landfill to the north and northwest. To address this issue, monitoring well 2LMW1D was added to the sampling schedule for a minimum of four rounds starting with the Round 17 sampling event.

During Round 17, all monitoring wells were sampled in accordance with *Low-Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells* (EPA 1996). The wells were purged using a peristaltic pump with disposable Teflon® tubing. Prior to purging, the initial static water level was measured in the well using a water-level indicator. During purging, the water level was measured every 5 to 10 minutes. The pumping rate was initially set at less than 0.3 liter per minute and reduced to 0.1 to 0.2 liter per minute. The pumping rate was adjusted to keep from exceeding the 0.3-foot drawdown limit during purging.

During purging, the water quality parameters of pH, turbidity, specific conductance (SpC), temperature, oxidation-reduction potential (ORP), and dissolved oxygen (DO) were measured and recorded every 5 to 10 minutes using a water quality meter and flow-through cell until all of the parameters stabilized and the minimum purge volume (equal to the stabilized drawdown volume plus the tubing volume) was removed. A summary of groundwater quality data for Round 17 is provided in Table 2-2.

Stabilization of the above parameters was generally defined as follows:

- pH $\pm$ 0.1 standard units
- turbidity $\pm$ 10% for values greater than 1 nephelometric turbidity unit (NTU)
- SpC $\pm$ 3%
- temperature $\pm$ 3%
- ORP $\pm$ 10 millivolts (mV)
- DO $\pm$ 10%

Following purging, the well tubing was removed from the flow-through cell and samples were collected directly from the discharge end of the tubing. All sample containers were filled by allowing the discharge to flow gently down the inside of the container with minimal turbulence. For filtered inorganic samples, an in-line 0.45-micron filter was used. Equipment calibration logs are provided in Appendix C. Groundwater sampling field forms are provided in Appendix D and Chain-of-Custody Records are provided in Appendix E.

Groundwater samples were sent to the project laboratory (Alpha Analytical Labs) for analysis of select target compound list (TCL) semivolatile organic compounds (SVOCs), polynuclear aromatic hydrocarbons (PAHs), target analyte list (TAL) metals (total and dissolved), total organic carbon (TOC), chemical oxygen demand (COD), and water chemistry parameters (total dissolved solids [TDS],

total suspended solids [TSS], alkalinity, chloride, sulfate, and hardness), as described in the GMP (TtNUS 2002a). Analytical results for the groundwater samples are discussed in Section 3.0.

## 2.4 SURFACE WATER SAMPLING

As described in the GMP (TtNUS 2002b), seven surface water (staff gauge) locations and one seep sampling location were sampled as part of the sampling program (Figure 2-1). Surface water samples were analyzed for TCL SVOCs, PAHs, total and dissolved TAL metals, TOC, COD, and water chemistry parameters. Surface water samples were collected by directly filling a clean unpreserved sample container and transferring the water to the appropriate sample containers. Dissolved TAL metals samples were collected by first directly filling a clean unpreserved sample container. A peristaltic pump was then used to pump the water from the collection container, through a 0.45-micron filter, into a preserved sample container. Surface water field forms and Chain–of-Custody Records are provided in Appendices D and E, respectively. A summary of surface water quality data for Round 17 is provided in Table 2-3.

The surface water samples were sent to the project laboratory for analysis. Analytical results for surface water samples are discussed in Section 3.0.

## 2.5 DECONTAMINATION AND INVESTIGATION–DERIVED WASTE

All water quality and water level meters were decontaminated before and after use by washing in a solution of Alconox and deionized water and rinsing with deionized water.

Liquid investigation-derived waste (IDW) resulting from the sampling of groundwater at the Area A Landfill was tested for contaminants of concern during the first four rounds of quarterly monitoring. The liquid IDW has been determined to be non-hazardous and, therefore, it is disposed of directly to the OT-10 wastewater processing facility in compliance with the NSB-NLON Pre-Treatment Permit from the Connecticut Department of Environmental Protection (CTDEP).

# 3.0 MONITORING RESULTS

During Round 17, samples were collected from 10 of the scheduled 11 groundwater monitoring wells, seven surface water locations, and one seep location and were analyzed for select TCL SVOCs, PAHs, TAL metals (total and dissolved), TOC, COD, TDS, TSS, alkalinity, chloride, sulfate, and hardness. Monitoring well 2LMW20S was not sampled because the well was dry. Monitoring focused on the following organic and inorganic contaminants of potential concern (COPCs), as identified in the GMP (TtNUS 2002b).

**SVOCs**

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Bis(2-ethylhexyl)phthalate
- Phenanthrene

**Total and Dissolved Metals**

- Arsenic
- Beryllium
- Cadmium
- Chromium
- Copper
- Lead
- Zinc

The Round 17 analytical results for the COPCs are summarized in Tables 3-1 and 3-2. Within each table, the analytical results are compared to the primary monitoring criteria as established in the original GMP (TtNUS 1999). Inorganic results also are compared to NSB-NLON background groundwater concentrations, as established in the *Basewide Groundwater Operable Unit (OU) Remedial Investigation* (TtNUS 2002a). Chemical detections exceeding primary monitoring criteria and/or background concentrations for inorganics, are noted by shading. Figure 3-1 presents the COPC detected in groundwater samples that exceed one or more of the criteria. Figure 3-2 displays the COPC detected in seep and surface water samples that exceed one or more of the criteria. A complete list of analytical results, data validation memoranda, and laboratory data sheets are located in Appendix E.

Some of the Round 17 samples were qualified with a “J” (J = Estimated Value). Specific reasons for qualification of individual samples can be found in the data validation portion of Appendix E. All of the sample results were determined to be acceptable (usable for making project decisions) by the Project Chemist (see data validation section of Appendix E).

Comparisons of analytical detections for COPCs to corresponding monitoring criteria (TtNUS 1999) are summarized as follows:

- **SVOC COPCs** were not detected at concentrations that exceeded the primary monitoring criteria at any of the monitoring well or surface water sampling locations.

- **Total arsenic** was detected above the background concentration (1.92 micrograms per liter [µg/L]) but below the primary monitoring criterion (150 µg/L) in six of the ten sampled monitoring wells (2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, and 2WMW46DS). Total arsenic was detected in all of the surface water samples. Total arsenic was detected in surface water locations SG18, SG22, and SG24, and surface seep location 3MSP01 at concentrations that exceeded the background concentration but not the primary monitoring criterion.
- **Dissolved arsenic** was detected above the background concentration (2.55 µg/L) but below the primary monitoring criterion (150 µg/L) in six of the ten sampled monitoring wells (2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, and 2WMW46DS). Dissolved arsenic was detected in three of the surface water samples (SG22, SG23, and SG24); however, there were no exceedances of the primary monitoring criterion or the background concentration.
- **Total beryllium** was not detected in any of the monitoring well samples. Total beryllium was detected in one of the surface water locations (SG18). No monitoring criteria are available for total beryllium in surface water.
- **Dissolved beryllium** was not detected in any of the monitoring well or surface and seep water samples.
- **Total cadmium** was detected in three of the ten sampled monitoring wells (2LMW1D, 3MW37S, and 4MW1S). None of the detected total cadmium results exceeded the primary (0.25 µg/L) monitoring criterion. Total cadmium was detected in two of the surface water or surface seep samples (SG22 and SG24) at concentrations that exceed the primary monitoring criterion. There is no available background concentration for total cadmium.
- **Dissolved cadmium** was detected in one of the ten sampled monitoring wells (3MW37S) at a concentration lower than the primary monitoring criterion (0.25 µg/L). Dissolved cadmium was not detected in any of the surface water or surface seep samples. There is no available background concentration for dissolved cadmium.
- **Total chromium** was detected in seven of the ten sampled monitoring wells (2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, 2WMW46DS, and 3MW37S). The total chromium concentration for monitoring well 2WMW44DS exceeded the primary criterion (11 µg/L) but was lower than the background concentration (49.9 µg/L). Total chromium was detected in all of the surface water and surface seep samples. The total chromium concentration for surface water location SG24 exceeded the primary criterion, but was lower than the background concentration.
- **Dissolved chromium** was detected in all of the monitoring well and surface water samples. However, none of the detected dissolved chromium results exceeded the primary monitoring criterion (11 µg/L) or the background concentration (16 µg/L).

- **Total copper** was detected in all of the monitoring well samples. The detection in monitoring well 2WMW46DS exceeded the primary monitoring criterion (4.8 µg/L), but was less than the background concentration (107 µg/L). Total copper was detected in all of the surface water samples. Total copper concentrations exceeded the primary monitoring criterion in six surface water and seep samples (3MSP01, SG18, SG19, SG22, SG23, and SG24). Additionally, the total copper concentration in surface water SG24 exceeded the background concentration (107 µg/L).
- **Dissolved copper** was detected in all of the monitoring well samples. Dissolved copper also was detected in surface water samples SG18, SG19 (duplicate sample), SG20, SG21, SG22, SG23, and SG24, and in seep sample 3MSP01. All detected concentrations were less than the primary monitoring criterion (4.8 µg/L) and the background concentration (39.4 µg/L).
- **Total lead** was detected in six of the ten sampled monitoring wells (2LMW1D, 2WMW21S, 2WMW40DS, 2WMW42DS, 2WMW43DS, and 2WMW46DS) at concentrations below the primary monitoring criterion (1.2 µg/L) and the background concentration (6.63 µg/L). Total lead was detected in every surface water sample and exceeded the primary monitoring criterion in all samples except SG20. Total lead concentrations also exceeded the background concentration in samples SG18, SG22, SG24, and 3MSP01.
- **Dissolved lead** was detected in three of the ten sampled monitoring wells (2WMW40DS, 2WMW44DS, and 4MW1S) and in surface water sample SG22. All concentrations were below the primary monitoring criterion (1.2 µg/L) and the background concentration (2.52 µg/L).
- **Total zinc** was detected in monitoring wells 2WMW40DS, 2WMW42DS, 2WMW43DS, 2WMW44DS, and 2WMW46DS. The total zinc concentration in 2WMW44DS exceeded the primary monitoring criterion (65 µg/L), but was below the background concentration (131 µg/L). Total zinc was detected at all surface water and surface seep locations. The total zinc concentrations exceeded the primary monitoring criterion and the background concentration at locations SG18, SG22, SG23, SG24, and 3MSP01. Only the primary monitoring criterion was exceeded at location SG19.
- **Dissolved zinc** was detected in all monitoring wells at concentrations below the primary monitoring criterion (65 µg/L) and the background concentration (109 µg/L). Dissolved zinc was detected in all surface water and surface seep samples. The dissolved zinc concentration at surface water sample location SG23 exceeded the primary monitoring criterion and the background concentration.

No conclusions or recommendations are drawn from the comparisons at this time. A comparison of the results from Rounds 16 and 17 will be made in the Year 6 (2005) annual report.

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# TABLES

**TABLE 2-1**
**GROUNDWATER AND SURFACE WATER MEASUREMENTS AND ELEVATIONS**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Location | Date | Screened Unit | Measuring Point Elevation (ft msl) | Depth to Water[1] (ft) | Groundwater Elevation (ft msl) |
|---|---|---|---|---|---|
| **GROUNDWATER MONITORING WELLS** | | | | | |
| 2LMW1D[2] | NM | F/A | NA | NM | NA |
| 2LMW20S | 12/5/2005 | F/A | 86.83 | dry | NA |
| 2WMW21S | 12/5/2005 | DS | 76.31 | 4.25 | 72.06 |
| 2WMW38DS | 12/5/2005 | DS | 74.06 | 6.53 | 67.53 |
| 2WMW39DS | 12/5/2005 | SS/DS | 73.54 | 2.15 | 71.39 |
| 2WMW40DS | 12/5/2005 | DS | 73.21 | 3.13 | 70.08 |
| 2WMW41DS | 12/5/2005 | DS | 73.39 | 2.22 | 71.17 |
| 2WMW42DS | 12/5/2005 | DS | 73.65 | 1.82 | 71.83 |
| 2WMW43DS | 12/5/2005 | DS | 74.36 | 2.33 | 72.03 |
| 2WMW44DS | 12/5/2005 | DS | 73.72 | 1.51 | 72.21 |
| 2WMW45DS | 12/5/2005 | DS | 74.24 | 2.21 | 72.03 |
| 2WMW46DS | 12/5/2005 | DS | 73.53 | 1.47 | 72.06 |
| 2WMW47DS | 12/5/2005 | SS/DS | 73.39 | 1.32 | 72.07 |
| 3MW12D | 12/5/2005 | BR | 47.22 | 4.53 | 42.69 |
| 3MW37S | 12/5/2005 | A | 47.26 | 3.59 | 43.67 |
| 4MW1S | 12/5/2005 | BR | 129.55 | 6.94 | 122.61 |
| **SURFACE WATER LOCATIONS** | | | | | |
| SG06 | 12/5/2005 | -- | NA | 19.28 | NA |
| SG15 | 12/5/2005 | -- | 74.03 | dry | NA |
| SG16 | 12/5/2005 | -- | 73.50 | dry | NA |
| SG17 | 12/5/2005 | -- | 73.57 | dry | NA |
| SG18 | 12/5/2005 | -- | 75.92 | 3.61 | 72.31 |
| SG19 | 12/5/2005 | -- | 75.83 | 3.77 | 72.06 |
| SG20 | 12/5/2005 | -- | 75.19 | 3.13 | 72.06 |
| SG21 | 12/5/2005 | -- | 75.32 | 3.19 | 72.13 |
| SG22 | 12/5/2005 | -- | 76.13 | 4.10 | 72.03 |
| SG23 | 12/5/2005 | -- | 75.83 | 3.65 | 72.18 |
| SG24 | 12/5/2005 | -- | 76.68 | NM[3] | NA |

Notes:
(1) Depth to water is the distance in feet from the measuring point (top of well casing) to the water.
(2) Monitoring well 2LMW1D was inadvertantly omitted during groundwater level measurements.
(3) Water level at SG24 was not measured because staff gauge was broken.
-- = not applicable
A = alluvium
BR = bedrock
DS = dredge spoil
F = fill
ft = feet
msl = mean sea level (Base 1982 Vertical Datum = NAVD 88 + 2.39 ft), (TtNUS 2003)
NA = not available
NM = not measured
SS = surficial sand

**TABLE 2-2**
**GROUNDWATER QUALITY DATA**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT -**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Location | Date | Time (24hr) | Cumulative Volume Purged (liters) | Temp (ºC) | pH (std) | Spec. Cond. (mS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Purge Rate (ml/min) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2LMW1D | 12/07/05 | 0937 | 16.3 | 13.19 | 6.35 | 1.074 | 0.26 | -80.0 | 2.0 | 150 |
| 2LMW20S(1) | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 2WMW21S | 12/08/05 | 1220 | 23.0 | 10.35 | 6.84 | 15.08 | 0.46 | -431.0 | 3.0 | 150 |
| 2WMW40DS | 12/06/05 | 1335 | 11.0 | 10.35 | 8.10 | 25.26 | 4.75 | -315.0 | 2.0 | 100 |
| 2WMW42DS | 12/07/05 | 0928 | 6.0 | 9.03 | 6.81 | 11.98 | 0.07 | -341.5 | 7.0 | 100 |
| 2WMW43DS | 12/07/05 | 1327 | 5.0 | 8.68 | 6.88 | 24.70 | 0.90 | -359.1 | 10.0 | 100 |
| 2WMW44DS | 12/07/05 | 1514 | 6.0 | 9.03 | 7.03 | 38.02 | 0.19 | -376.9 | 10.0 | 100 |
| 2WMW46DS | 12/08/05 | 1045 | 6.0 | 8.62 | 7.04 | 46.89 | 0.57 | -356.1 | 4.0 | 100 |
| 3MW12D | 12/06/05 | 1513 | 6.0 | 9.73 | 6.26 | 3.015 | 0.57 | -3.4 | 5.0 | 100 |
| 3MW37S | 12/06/05 | 1258 | 7.0 | 9.34 | 6.28 | 2.328 | 1.32 | 36.2 | 2.0 | 100 |
| 4MW1S | 12/06/05 | 1545 | 10.8 | 11.42 | 6.60 | 0.246 | 6.88 | -24.0 | 0.0 | 100 |

Notes:
(1) = Well 2LMW20S was dry.
ºC = degrees Celcius
DO = dissolved oxygen
mg/L = milligrams per liter
ml/min = milliliters per minute
mS/cm = millisiemens per centimeter
mV = millivolts
NS = Not sampled because well was dry
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
ppt = parts per thousand
Spec. Cond. = specific conductivity
std = standard units
Temp = temperature

**TABLE 2-3**
**SURFACE WATER AND SEEP WATER QUALITY MEASUREMENTS**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT -**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Location[(1)] | Date | Time (24hr) | Temp (ºC) | pH (std) | Spec. Cond. (mS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|---|
| SG18 | 12/07/05 | 1155 | 0.88 | 7.97 | 0.306 | 9.89 | -158.1 | 65.0 |
| SG19 | 12/07/05 | 1006 | 0.74 | 7.92 | 0.421 | 8.43 | -238.0 | 68.0 |
| SG20 | 12/07/05 | 1210 | 1.75 | 7.66 | 0.299 | 9.54 | -104.1 | 82.0 |
| SG21 | 12/07/05 | 1410 | 0.88 | 9.03 | 0.366 | 9.92 | -273.6 | 16.0 |
| SG22 | 12/08/05 | 9:00 | 0.59 | 7.37 | 0.515 | 7.31 | -213.3 | 50.0 |
| SG23 | 12/08/05 | 940 | 0.98 | 8.66 | 0.629 | 0.12 | -281.9 | 5.0 |
| SG24 | 12/08/05 | 1010 | 0.61 | 7.62 | 0.764 | 8.18 | -154.8 | 80.0 |
| 3MSP01 | 12/06/05 | 1310 | 8.86 | 6.33 | 1.410 | 1.93 | -13.9 | 6.0 |

Notes:
(1) = Locations SG18 through SG24 were identified as SW18 through SW24 on the field sampling forms.
ºC = degrees Celcius
DO = dissolved oxygen
mg/L = milligrams per liter
mS/cm = millisiemens per centimeter
mV = millivolts
ORP = oxidation-reduction potential
ppt = parts per thousand
Spec. Cond. = specific conductivity
std = standard units
Temp = temperature

**TABLE 3-1**
**GROUNDWATER ANALYTICAL RESULTS SUMMARY**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Chemical | Primary Monitoring Criterion (1) | Secondary Monitoring Criterion (2) | NSB-NLON Background Concentration (3) | 2LMW1D Round 17 12/7/2005 | 2LMW1D (DUP) Round 17 12/7/2005 | 2LMW20S Round 17 | 2WMW21S Round 17 12/8/05 | 2WMW38DS Round 17 | 2WMW39DS Round 17 |
|---|---|---|---|---|---|---|---|---|---|
| **SVOCs (µg/L)** | | | | | | | | | |
| BENZO(A)ANTHRACENE | 0.3 | NA | -- | 0.22 U | 0.23 U | Not Sampled Well Dry | 0.22 U | Not Sampled Well Removed from Sampling Program | Not Sampled Well Removed from Sampling Program |
| BENZO(A)PYRENE | 0.3 | NA | -- | 0.22 U | 0.23 U | | 0.22 U | | |
| BENZO(B)FLUORANTHENE | 0.3 | NA | -- | 0.22 U | 0.23 U | | 0.22 U | | |
| BENZO(K)FLUORANTHENE | 0.3 | NA | -- | 0.22 U | 0.23 U | | 0.22 U | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 59 | NA | -- | 11 U | 12 U | | 11 U | | |
| PHENANTHRENE | 0.3 | NA | -- | 0.22 U | 0.23 U | | **0.08 J** | | |
| **Inorganics (Total) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 1.92 | **0.94 J** | **0.89 J** | | **4.5** | | |
| BERYLLIUM | 4 | NA | NA | 5 U | 5 U | | 5 U | | |
| CADMIUM | 0.25(4) | NA | NA | **0.1 J** | 0.09 U | | 1 U | | |
| CHROMIUM | 11 | NA | 49.9 | 0.16 U | 0.19 U | | **5.4** | | |
| COPPER | 4.8(4) | NA | 107 | **0.78 J** | **1** | | **1.7** | | |
| LEAD | 1.2(4) | NA | 6.63 | **0.48 J** | **0.67 J** | | **0.41 J** | | |
| ZINC | 65.0 | NA | 131 | 7.7 U | 8.4 U | | 4.36 U | | |
| **Inorganics (Dissolved) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 2.55 | **1** | **1** | | **4.5** | | |
| BERYLLIUM | 4 | NA | NA | 5 U | 5 U | | 5 U | | |
| CADMIUM | 0.25(4) | NA | NA | 0.08 U | 0.06 U | | 1 U | | |
| CHROMIUM | 11 | NA | 16 | **0.14 J** | **0.2 J** | | **5.7** | | |
| COPPER | 4.8(4) | NA | 39.4 | **0.26 J** | **0.28 J** | | **1** | | |
| LEAD | 1.2(4) | NA | 2.52 | 0.04 U | 0.05 U | | 0.21 U | | |
| ZINC | 65.0 | NA | 109 | **4.12 J** | **4.32 J** | | **7.1** | | |

Notes:
**Bold type** denotes analyte detection.
**Shaded boxes** denote exceedances of primary monitoring criterion and/or background groundwater concentrations.
(1) Based on Federal Ambient Water Quality Criteria for protection of aquatic life (chronic, freshwater) (USEPA 1999) and Connecticut Water Quality Criteria for protection of human health from consumption of organisms (CTDEP 1997).
(2) No Secondary Monitoriing Criteria are available.
(3) Total/Dissolved background concentration taken from Basewide Groundwater Remedial Investigation Report (TtNUS 1996).
(4) The reporting limit from the laboratory exceeds the secondary monitoring criterion for this analyte.

DUP = Field duplicate
J = Estimated
R = Rejected
U = Undetected
NA = Not Available
ND = Not detected in background samples
-- = Not analyzed for in background samples.

**TABLE 3-1**
**GROUNDWATER ANALYTICAL RESULTS SUMMARY**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Chemical | Primary Monitoring Criterion (1) | Secondary Monitoring Criterion (2) | NSB-NLON Background Concentration (3) | 2WMW40DS Round 17 12/6/2005 | 2WMW41DS Round 17 | 2WMW42DS Round 17 12/7/2005 | 2WMW42DS (DUP) Round 17 12/7/2005 | 2WMW43DS Round 17 12/7/2005 | 2WMW44DS Round 17 12/7/2005 |
|---|---|---|---|---|---|---|---|---|---|
| **SVOCs (µg/L)** | | | | | | | | | |
| BENZO(A)ANTHRACENE | 0.3 | NA | -- | 0.46 U | Not Sampled Well Removed from Sampling Program | 0.43 U | 0.42 U | 0.45 U | 0.42 U |
| BENZO(A)PYRENE | 0.3 | NA | -- | 0.46 U | | 0.43 U | 0.42 U | 0.45 U | 0.42 U |
| BENZO(B)FLUORANTHENE | 0.3 | NA | -- | 0.46 U | | 0.43 U | 0.42 U | 0.45 U | 0.42 U |
| BENZO(K)FLUORANTHENE | 0.3 | NA | -- | 0.46 U | | 0.43 U | 0.42 U | 0.45 U | 0.42 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 59 | NA | -- | 23 U | | 22 U | 21 U | 23 U | 21 U |
| PHENANTHRENE | 0.3 | NA | -- | 0.46 U | | 0.43 U | 0.42 U | 0.45 U | 0.42 U |
| **Inorganics (Total) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 1.92 | **14.5** | | **5.3** | **4.9** | **10.9** | **5.7** |
| BERYLLIUM | 4 | NA | NA | 5 U | | 5 U | 5 U | 5 U | 5 U |
| CADMIUM | 0.25(4) | NA | NA | 1 U | | 1 U | 1 U | 1 U | 1 U |
| CHROMIUM | 11 | NA | 49.9 | **5.8** | | **4.9** | **4.9** | **5.9** | **12** |
| COPPER | 4.8(4) | NA | 107 | **3.6** | | **1.8** | **2.1** | **3.5** | **4.2** |
| LEAD | 1.2(4) | NA | 6.63 | **0.27 J** | | **0.27 J** | **0.38 J** | 0.24 U | **0.38 J** |
| ZINC | 65.0 | NA | 131 | **15.1** | | **9.2** | **10.1** | **37.8** | **82.4** |
| **Inorganics (Dissolved) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 2.55 | **6.8** | | **5.9** | **6.1** | **11.5** | **6.2** |
| BERYLLIUM | 4 | NA | NA | 5 U | | 5 U | 5 U | 5 U | 5 U |
| CADMIUM | 0.25(4) | NA | NA | 1 U | | 1 U | 1 U | 1 U | 1 U |
| CHROMIUM | 11 | NA | 16 | **2.9** | | **4.5** | **4.3** | **6.3** | **3.6** |
| COPPER | 4.8(4) | NA | 39.4 | **3.1** | | **1.8** | **1.8** | **4.7** | **2.7** |
| LEAD | 1.2(4) | NA | 2.52 | **0.2 J** | | 0.03 U | 0.09 U | 0.12 U | **0.1 J** |
| ZINC | 65.0 | NA | 109 | **11.4** | | **8.1** | **6.5** | **17** | **14.5** |

Notes:
**Bold type** denotes analyte detection.
**Shaded boxes** denote exceedances of primary monitoring criterion and/or background groundwater concentrations.
(1) Based on Federal Ambient Water Quality Criteria for protection of aquatic life (chronic, freshwater) (USEPA 1999) and Connecticut Water Quality Criteria for protection of human health from consumption of organisms (CTDEP 1997).
(2) No Secondary Monitoriing Criteria are available.
(3) Total/Dissolved background concentration taken from Basewide Groundwater Remedial Investigation Report (TtNUS 1996).
(4) The reporting limit from the laboratory exceeds the secondary monitoring criterion for this analyte.

DUP = Field duplicate
J = Estimated
R = Rejected
U = Undetected
NA = Not Available
ND = Not detected in background samples
-- = Not analyzed for in background samples.

**TABLE 3-1**
**GROUNDWATER ANALYTICAL RESULTS SUMMARY**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Chemical | Primary Monitoring Criterion (1) | Secondary Monitoring Criterion (2) | NSB-NLON Background Concentration (3) | 2WMW45DS Round 17 | 2WMW46DS Round 17 12/8/2005 | 2WMW47DS Round 17 | 3MW12D Round 17 12/6/2005 | 3MW37S Round 17 12/6/2005 | 4MW1S Round 17 12/6/2005 |
|---|---|---|---|---|---|---|---|---|---|
| **SVOCs (µg/L)** | | | | | | | | | |
| BENZO(A)ANTHRACENE | 0.3 | NA | -- | Not Sampled Well Removed from Sampling Program | 0.2 U | Not Sampled Well Removed from Sampling Program | 0.21 U | 0.21 U | 0.23 U |
| BENZO(A)PYRENE | 0.3 | NA | -- | | 0.2 U | | 0.21 U | 0.21 U | 0.23 U |
| BENZO(B)FLUORANTHENE | 0.3 | NA | -- | | 0.2 U | | 0.21 U | 0.21 U | 0.23 U |
| BENZO(K)FLUORANTHENE | 0.3 | NA | -- | | 0.2 U | | 0.21 U | 0.21 U | 0.23 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 59 | NA | -- | | 10 U | | 10 U | 10 U | 12 U |
| PHENANTHRENE | 0.3 | NA | -- | | 0.2 U | | 0.21 U | 0.21 U | 0.23 U |
| **Inorganics (Total) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 1.92 | | **15.2** | | **1.1** | **0.54 J** | 0.09 U |
| BERYLLIUM | 4 | NA | NA | | 5 U | | 5 U | 5 U | 5 U |
| CADMIUM | 0.25(4) | NA | NA | | 1 U | | 0.08 U | **0.16 J** | **0.1 J** |
| CHROMIUM | 11 | NA | 49.9 | | **9** | | 0.2 U | **0.46 J** | 0.19 U |
| COPPER | 4.8(4) | NA | 107 | | **5.6** | | **0.75 J** | **1.9** | **0.64 J** |
| LEAD | 1.2(4) | NA | 6.63 | | **0.53 J** | | 0.08 U | 0.08 U | 0.06 U |
| ZINC | 65.0 | NA | 131 | | **27.3** | | 4.8 U | 5.3 U | 3.92 U |
| **Inorganics (Dissolved) (µg/L)** | | | | | | | | | |
| ARSENIC | 150 | NA | 2.55 | | **16** | | **1** | **0.56 J** | 0.07 U |
| BERYLLIUM | 4 | NA | NA | | 5 U | | 5 U | 5 U | 5 U |
| CADMIUM | 0.25(4) | NA | NA | | 1 U | | 0.09 U | **0.15 J** | 0.09 U |
| CHROMIUM | 11 | NA | 16 | | **7.7** | | **0.17 J** | **0.43 J** | **0.21 J** |
| COPPER | 4.8(4) | NA | 39.4 | | **4.6** | | **0.52 J** | **1.9** | **0.67 J** |
| LEAD | 1.2(4) | NA | 2.52 | | 0.07 U | | 0.07 U | 0.17 U | **0.29 J** |
| ZINC | 65.0 | NA | 109 | | **16.4** | | **3.86 J** | **6.4** | **4.05 J** |

Notes:
**Bold type** denotes analyte detection.
**Shaded boxes** denote exceedances of primary monitoring criterion and/or background groundwater concentrations.
(1) Based on Federal Ambient Water Quality Criteria for protection of aquatic life (chronic, freshwater) (USEPA 1999) and Connecticut Water Quality Criteria for protection of human health from consumption of organisms (CTDEP 1997).
(2) No Secondary Monitoriing Criteria are available.
(3) Total/Dissolved background concentration taken from Basewide Groundwater Remedial Investigation Report (TtNUS 1996).
(4) The reporting limit from the laboratory exceeds the secondary monitoring criterion for this analyte.

DUP = Field duplicate
J = Estimated
R = Rejected
U = Undetected
NA = Not Available
ND = Not detected in background samples
-- = Not analyzed for in background samples.

**TABLE 3-2**
**SURFACE WATER AND SURFACE SEEP ANALYTICAL RESULTS SUMMARY**
**ROUND 17 - SEMIANNUAL GROUNDWATER MONITORING REPORT**
**AREA A LANDFILL, NSB-NLON, GROTON, CONNECTICUT**

| Chemical | Primary Monitoring Criterion (1) | Secondary Monitoring Criterion (2) | NSB-NLON Background Concentration (3) | SG18 Round 17 12/7/2005 | SG19 Round 17 12/7/2005 | SG19 (DUP) Round 17 12/7/2005 | SG20 Round 17 12/7/2005 | SG21 Round 17 12/7/2005 | SG22 Round 17 12/8/2005 | SG23 Round 17 12/8/2005 | SG24 Round 17 12/8/2005 | 3MSP01 Round 17 12/6/2005 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs (µg/L)** | | | | | | | | | | | | |
| BENZO(A)ANTHRACENE | NA | NA | -- | 0.2 U | 0.22 U | 0.21 U | 0.21 U | 0.21 U | 0.22 U | **0.043 J** | **0.28** | **3.7** |
| BENZO(A)PYRENE | NA | NA | -- | 0.2 U | 0.22 U | 0.21 U | 0.21 U | 0.21 U | 0.22 U | 0.22 U | **0.42** | **3.4** |
| BENZO(B)FLUORANTHENE | NA | NA | -- | 0.2 U | 0.22 U | 0.21 U | 0.21 U | 0.21 U | 0.22 U | 0.22 U | **0.78** | **5.7** |
| BENZO(K)FLUORANTHENE | NA | NA | -- | 0.2 U | 0.22 U | 0.21 U | 0.21 U | 0.21 U | 0.22 U | 0.22 U | **0.51** | **2.9** |
| BIS(2-ETHYLHEXYL)PHTHALATE | NA | NA | -- | 10 U | 11 UJ | 10 U | 11 U | 10 U | 11 U | **1.9 J** | **4.6 J** | **1.8 J** |
| PHENANTHRENE | NA | NA | -- | 0.2 U | **0.055 J** | **0.062 J** | 0.21 U | 0.21 U | 0.22 U | **0.044 J** | **0.32** | **3.4** |
| **Inorganics (Total) (µg/L)** | | | | | | | | | | | | |
| ARSENIC | 150 | NA | 1.92 | **10.9** | **1.6** | **1.9** | **0.42 J** | **0.56 J** | **17** | **1.9** | **127.4** | **5.1** |
| BERYLLIUM | NA | NA | NA | **0.7 J** | 0.2 U | 0.2 U | 0.1 U | 0.1 U | 0.2 U | 0.2 U | 5 U | 5 U |
| CADMIUM | 0.25(4) | NA | NA | 0.4 U | 0.16 U | 0.15 U | 0.04 U | 0.06 U | **0.6** | 0.4 U | **1.3** | 0.5 U |
| CHROMIUM | 11 | NA | 49.9 | **5.6** | **1.3 J** | **1.5** | **0.83 J** | **1.1** | **4.3** | **2.1** | **37** | **9.1** |
| COPPER | 4.8(4) | NA | 107 | **19.2** | **10.1 J** | **11.6** | **2** | **2.7** | **34.7** | **10** | **143.7** | **34.2** |
| LEAD | 1.2(4) | NA | 6.63 | **9.5** | **3.8** | **4.6** | **0.6** | **1.6** | **19.3** | **5.2** | **102** | **71.9** |
| ZINC | 65.0 | NA | 131 | **388.8** | **76.7** | **90.2** | **27.5** | **34.9** | **348.9** | **698.4** | **673.7** | **154.2** |
| **Inorganics (Dissolved) (µg/L)** | | | | | | | | | | | | |
| ARSENIC | 150 | NA | 2.55 | 0.14 U | 0.17 U | 0.15 U | 0.23 U | 0.34 U | **1** | **0.44 J** | **1** | 0.33 U |
| BERYLLIUM | NA | NA | NA | 5 U | 5 U | 0.2 U | 5 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| CADMIUM | 0.25(4) | NA | NA | 0.2 U | 0.07 U | 0.2 U | 0.2 U | 0.05 U | 0.04 U | 0.2 U | 0.2 U | 0.13 U |
| CHROMIUM | 11 | NA | 16 | **1** | 0.46 U | 0.24 U | 0.33 U | 0.25 U | **0.88 J** | 0.31 U | 0.43 U | 0.34 U |
| COPPER | 4.8(4) | NA | 39.4 | **0.65 J** | 0.46 U | **0.49 J** | **0.7 J** | **0.8 J** | **1.3** | **0.73 J** | **0.77 J** | **0.92 J** |
| LEAD | 1.2(4) | NA | 2.52 | 0.17 U | 0.13 U | 0.12 U | 0.14 U | 0.21 U | **0.42 J** | 0.21 U | 0.12 U | 0.13 U |
| ZINC | 65.0 | NA | 109 | **44.5** | **25.3** | **19.9** | **19.1** | **18.7** | **37** | **197.3** | **40.1** | **17.7** |

Notes:

**Bold type** denotes analyte detection.

**Shaded boxes** denote exceedances of primary monitoring criterion and/or background groundwater concentrations.

(1) Based on Federal Ambient Water Quality Criteria for protection of aquatic life (chronic, freshwater) (USEPA 1999) and Connecticut Water Quality Criteria for protection of human health from consumption of organisms (CTDEP 1997).

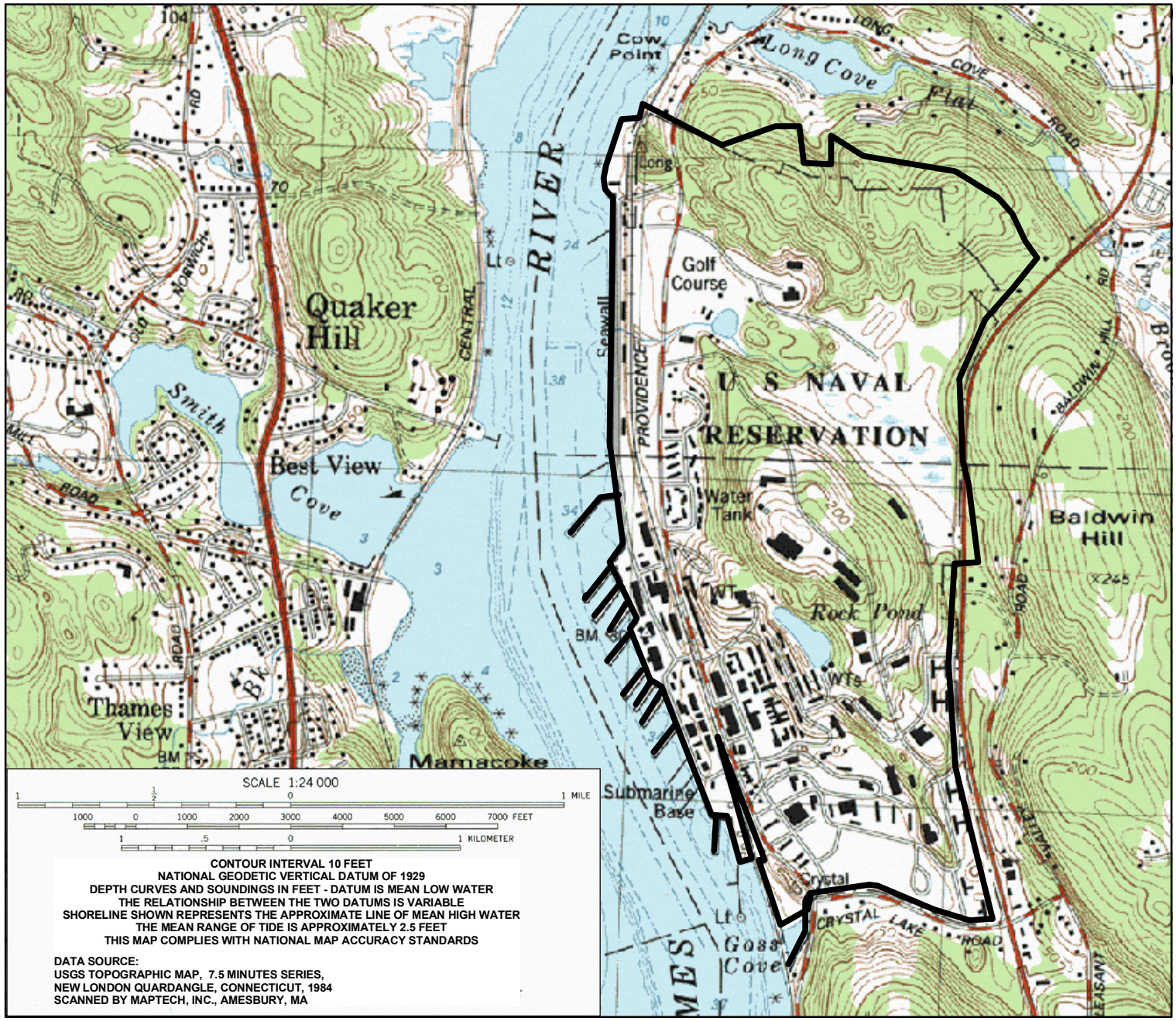
(2) No Secondary Monitoring Criteria are available.

(3) Total/Dissolved background concentration taken from Basewide Groundwater Remedial Investigation Report (TtNUS 1996).

(4) The reporting limit from the laboratory exceeds the secondary monitoring criterion for this analyte.

DUP = Field duplicate
J = Estimated
R = Rejected
U = Undetected
NA = Not Available
ND = Not detected in background samples
-- = Not analyzed for in background samples.

# FIGURES



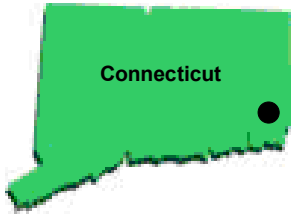

| | |
|---|---|
| **Contract No.** | N62472-02-D-0810 |
| **Description** | Area A Landfill, NSB-NLON, Groton, CT |
| **Coordinate System** | NAD 1927, State Plane, Connecticut, in feet |
| **Sources** | USGS Topographic Map, 7.5 minutes series |

| Date | 18-APR-2006 | Rev. | Date | Approved |
|---|---|---|---|---|
| Drawn | J. Kim | | | |
| CB | M. Johanson | | | |
| App. | | | | |

Data Source:
USGS Topographic Map, 7.5 minute series, New London Quadrangle, Connecticut, 1984 scanned by Maptech, Inc., Amsbury, MA

## Figure 1-1

**AREA OF DETAIL**

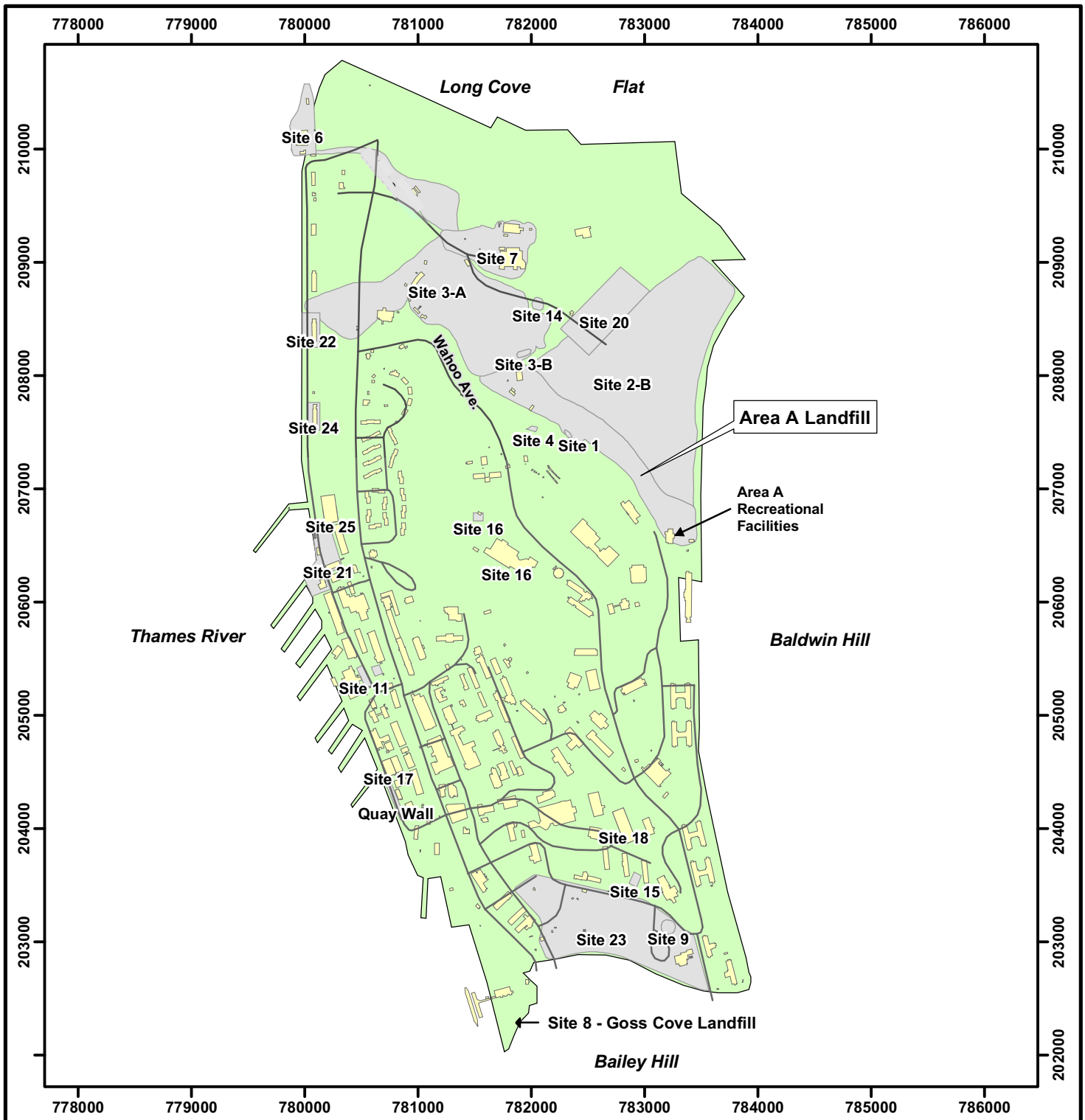



Title:

**Location Map**
**U.S. Naval Reservation**
**NSB-NLON**
**Groton, Connecticut**

**Engineering Field Activity Northeast**
**Naval Facilities Engineering Command**
Naval Submarine Base New London
Groton, Connecticut

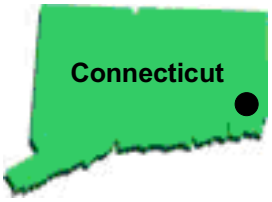
ECC GIS Server C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig1-1_AreaA_LocationMap.mxd




| | |
|---|---|
| Contract No. | N62472-02-D-0810 |
| Description | Area A Landfill, NSB-NLON, Groton, CT |
| Coordinate system | NAD 1927, State Plane, Connecticut, in feet |
| Sources | Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy |

| Date | 18-APR-2006 | Rev. | Date | App. By |
|---|---|---|---|---|
| DB | J. Kim | | | |
| CB | M. Johanson | | | |
| AB | | | | |

**Area of Detail**




**Legend**

- Roads
- Area A Landfill
- Naval Base Area
- Other Study Area Locations
- Buildings

# Figure 1-2

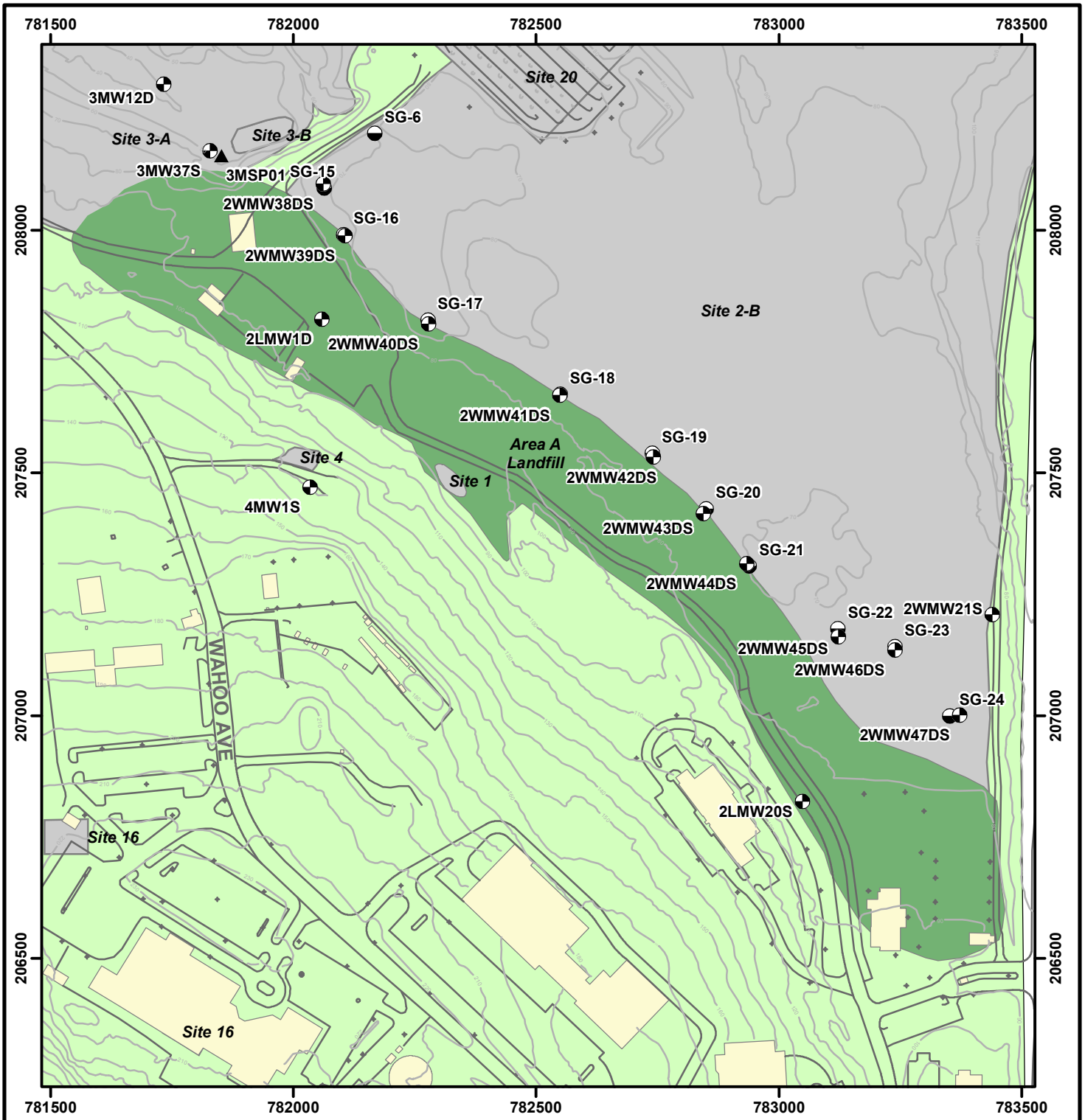
Title:

**Site Map**
**Area A Landfill**
**NSB-NLON**
**Groton, Connecticut**

**Engineering Field Activity Northeast**
**Naval Facilities Engineering Command**
Naval Submarine Base New London
Groton, Connecticut

ECC GIS Server
C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig1-2_AreaA_SiteMap.mxd

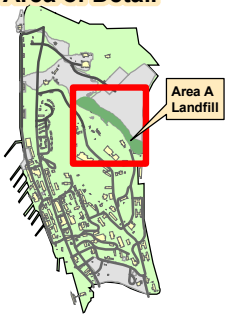
0 400 800 1,600 Feet




| | |
|---|---|
| **Contract No.** | N62472-02-D-0810 |
| **Description** | Area A Landfill, NSB-NLON, Groton, CT |
| **Coordinate system** | NAD 1927, State Plane, Connecticut, in feet |
| **Sources** | Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy |

| Date | 30-JUN-2006 | Rev. | Date | App. By |
|---|---|---|---|---|
| DB | C. Guido | | | |
| CB | M. Johanson | | | |
| AB | | | | |

**Area of Detail**




**Legend**

- Monitoring Wells
- Staff Gauges
- Seep Location
- Area A Landfill
- Base Boundary
- Other Study Area Locations
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)

# Figure 2-1

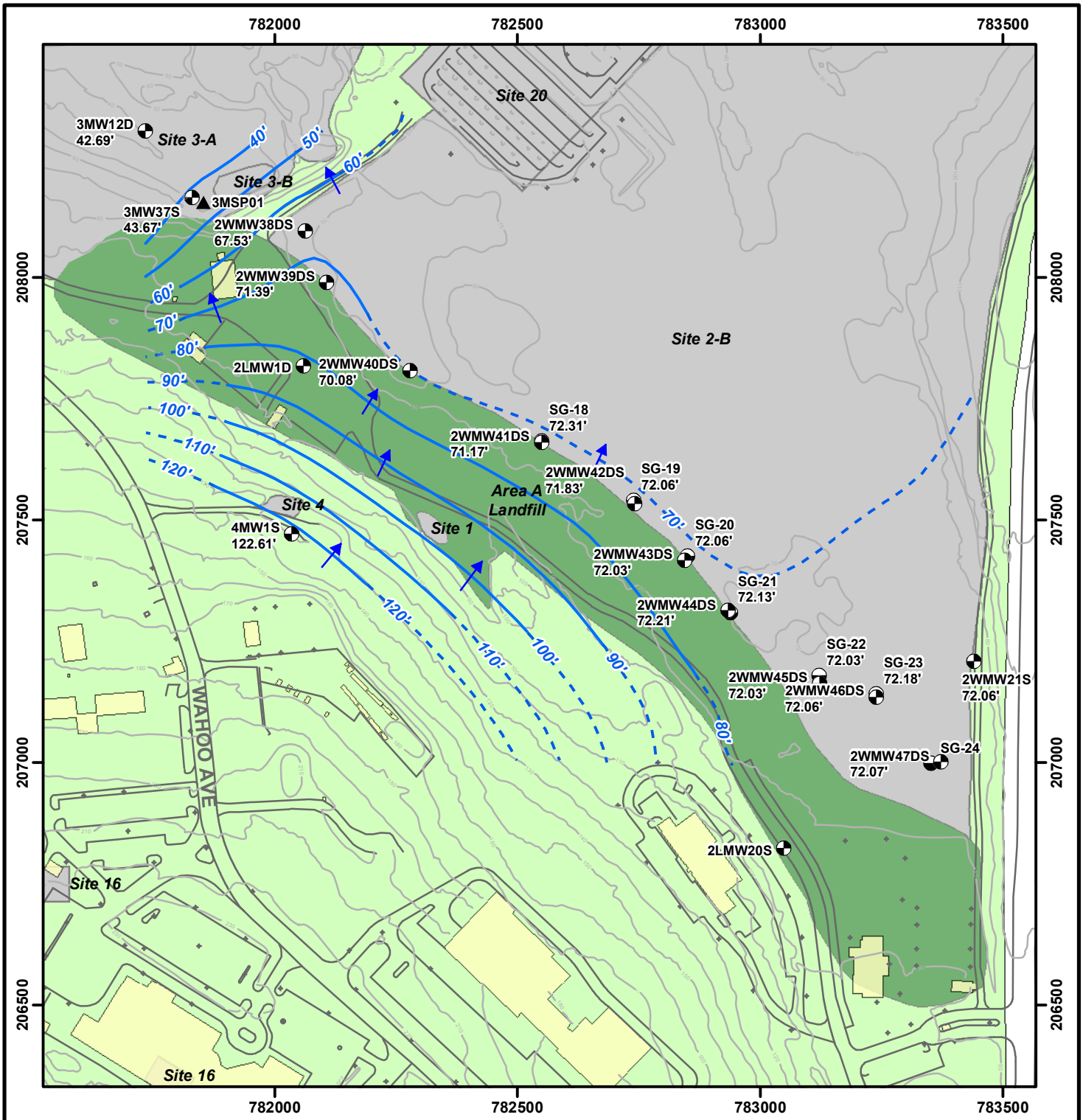
Title:

**Groundwater Monitoring and Sampling Locations in Area A Landfill**

**Engineering Field Activity Northeast**
**Naval Facilities Engineering Command**
Naval Submarine Base New London
Groton, Connecticut

ECC GIS Server
C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig2-1_AreaA_MonitoringLoc.mxd

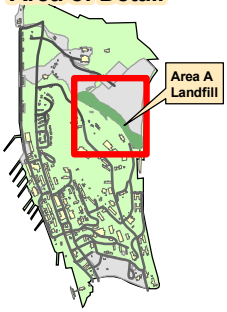
0 100 200 400 Feet




| | |
|---|---|
| Contract No. | N62472-02-D-0810 |
| Description | Area A Landfill, NSB-NLON, Groton, CT |
| Coordinate system | NAD 1927, State Plane, Connecticut, in feet |
| Sources | Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy |

| Date | 30-JUN-06 | Rev. | Date | App. By |
|---|---|---|---|---|
| DB | C. Guido | | | |
| CB | M. Johanson | | | |
| AB | | | | |

**Area of Detail**




**Legend**

- Monitoring Wells with Groundwater Elevation (ft)
- Staff Gauges
- Seep Location
- Area A Landfill
- Base Boundary
- Other Study Area Locations
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)
- Potentiometric Surface (ft msl) (NAVD 88)
- Interpolated Potentiometric Surface (ft msl) (NAVD 88)
- Groundwater Flow Direction

# Figure 2-2

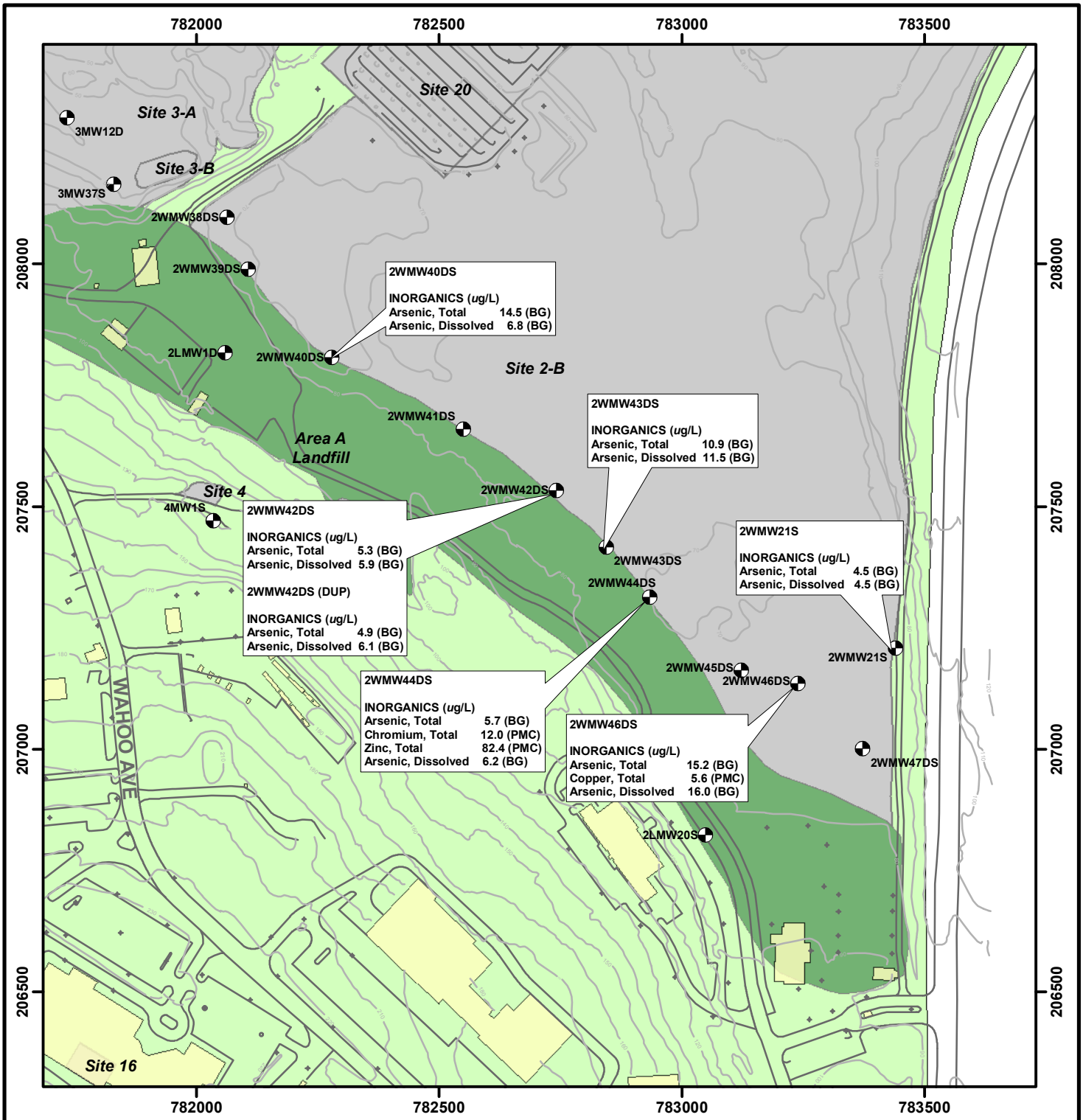
Title:

## Shallow Potentiometric Surface Map Round 17 Groundwater Monitoring Area A Landfill

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC GIS Server
C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig2-2_AreaA_GWsurface_Rnd17.mxd

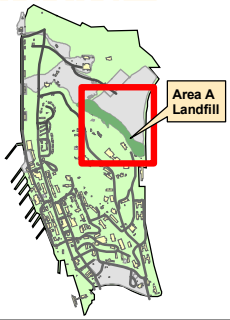
0 100 200 400 Feet




| | |
|---|---|
| Contract No. | N62472-02-D-0810 |
| Description | Area A Landfill, NSB-NLON, Groton, CT |
| Coordinate system | NAD 1927, State Plane, Connecticut, in feet |
| Sources | Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy |

| Date | 26-JUN-2006 | Rev. | Date | App. By |
|---|---|---|---|---|
| DB | C. Guido | | | |
| CB | M. Johanson | | | |
| AB | | | | |

**Area of Detail**




**Legend**

- Monitoring Well
- Area A Landfill
- Base Boundary
- Other Study Area Locations
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)

PMC: Primary Monitoring Criterion
BG : Background Concentration

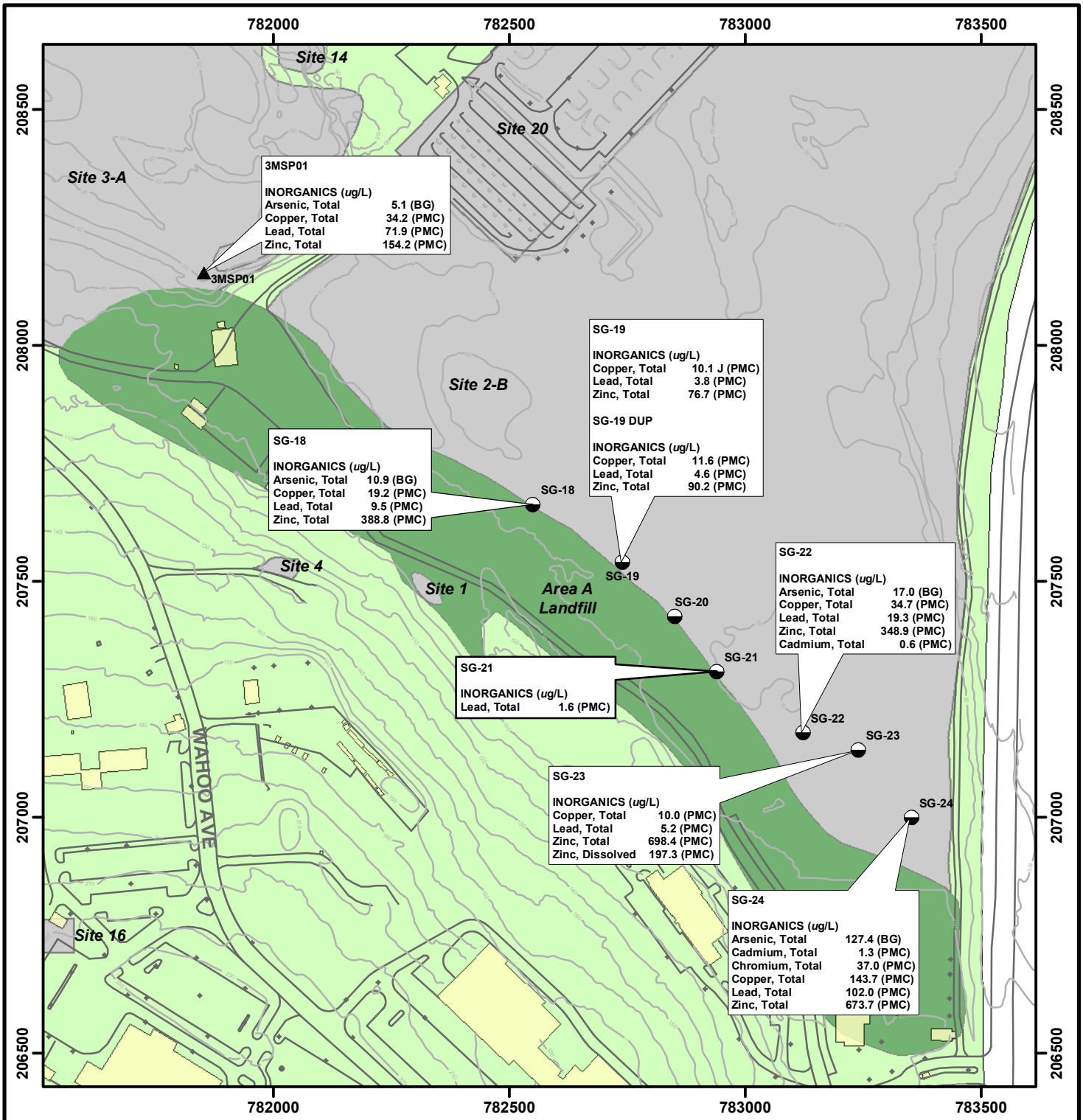
# Figure 3-1

## COPC Exceedances of Monitoring Criteria Round 17 Groundwater Sampling Area A Landfill

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC GIS Server
C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig3-1_AreaA_COCexcMW_Rnd17.mxd

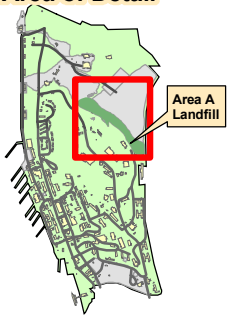
0 100 200 400 Feet




| | |
|---|---|
| **Contract No.** | N62472-02-D-0810 |
| **Description** | Area A Landfill, NSB-NLON, Groton, CT |
| **Coordinate system** | NAD 1927, State Plane, Connecticut, in feet |
| **Sources** | Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy |

| Date | 26-JUN-2006 | Rev. | Date | App. By |
|---|---|---|---|---|
| DB | C. Guido | | | |
| CB | M. Johanson | | | |
| AB | | | | |

**Area of Detail**




**Legend**

- Staff Gauges
- Seep Location
- Area A Landfill
- Base Boundary
- Other Study Area Locations
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)

PMC: Primary Monitoring Criterion
BG : Background Concentration

# Figure 3-2

Title: **COPC Exceedances of Monitoring Criteria Round 17 Surface Water Sampling Area A Landfill**

**Engineering Field Activity Northeast**
**Naval Facilities Engineering Command**
Naval Submarine Base New London
Groton, Connecticut

ECC GIS Server
C:\NAVY_GIS\TO02_NewLondon\AreaA\2005\AreaA_Round17\MapDocuments\Fig3-2_AreaA_COCexcSG_Rnd17.mxd

0 100 200 400 Feet

# APPENDIX A

## Monitoring Well Inspection Sheets

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 4 MW1S

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred Santos

**TIME:** 1615

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | Rusty and leaning slightly. PVC riser not impacted. |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** [signature]

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 4~~4~~DS

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred S 4~~4~~DS

**TIME:** 15:51

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | | ✓ | None - wetland |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | water covers well pad |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** J Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** MW 43DS

**DATE:** 12.5.05

**INSPECTOR'S NAME:** Fred S.

**TIME:** 15:57

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | ✓ | rusted top tight fitting cap |
| Well Pad | Concrete or gravel & condition | | ✓ | under water |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | wetland |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** A Whitesiel

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 46 DS

**DATE:** 12·5·05

**INSPECTOR'S NAME:** Fred S.

**TIME:** 16:10

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | | ✓ | riser rusted cap hard to remove |
| Well Pad | ~~Concrete~~ or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | marshy/Under Water |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** S Whiteside

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** MW 47 DS

**DATE:** 12·5·05

**INSPECTOR'S NAME:** Fred S.

**TIME:** 16:31

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of….. | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | frozen $H_2O$ in well casing |
| Dedicated sampling equipment | Condition…… | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** S Whitesich

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 205

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred

**TIME:** 16:38

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | New |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** A Whitesich

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 45DS

**DATE:** 12·5·05

**INSPECTOR'S NAME:** Fred S

**TIME:** 16:07

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | ~~Concrete~~ or gravel & condition | ✓ | | |
| Well Seal | Condition of….. | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | marshy |
| Dedicated sampling equipment | Condition…… | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** J Whitesicle

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 42DS

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Frail S

**TIME:** 15:42

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | | ✓ | No base - wet |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | wetland water to top |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** S Witsich

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 41DS

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred

**TIME:** 15:36

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | ✓ | in water |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | ✓ | standing water<br>water in casing to top |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** A Whitesell

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 2 MW 21 S

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred S.

**TIME:** 16:28

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** S Whitenack

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 40DS

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred

**TIME:** 15:32

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** D Whitsich

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 39

**DATE:** 12.5.05

**INSPECTOR'S NAME:** Fred S.

**TIME:** 13:25

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | | ✓ | water in casing |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** S Whitenich

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 3MW37S

**DATE:** 12.5.05

**INSPECTOR'S NAME:** Fred S

**TIME:** 14:51

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | | ✓ | eroded |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | swf | No standing water |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** [illegible]

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 12D

**DATE:** 12-5-05

**INSPECTOR'S NAME:** Fred

**TIME:** 15:01

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** A Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# MONITORING WELL INSPECTION SHEET

**WELL ID:** 38D5

**DATE:** 12·5·05

**INSPECTOR'S NAME:** Fred S

**TIME:** 15:15

| INSPECTION ITEM | TYPES OF PROBLEMS | STATUS | | OBSERVATION |
|---|---|---|---|---|
| | | S | U | |
| Well Tag | Is it in place, legible? | ✓ | | |
| Well Security | Condition of protective case, cap and lock. | ✓ | | |
| Well Pad | Concrete or gravel & condition | ✓ | | |
| Well Seal | Condition of..... | ✓ | | |
| Area immediately around well pad. | Record any evidence of /or standing water in area of well | ✓ | | |
| Dedicated sampling equipment | Condition..... | ✓ | | |
| PVC Riser | Condition of riser & survey reference point | ✓ | | |

**Comments:**

**Signature:** [illegible]

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

# APPENDIX B

## Groundwater Level Field Forms

# Groundwater Level Measurement Sheet

**Project Site:** NSB-NLON
**Water Level Meter:** 39799
**Location:** AREA A - SITE 2
**Weather:** overcast cold 32° snow on ground 3"
**Date:** 12-5-05
**Field Crew:** Fred S, Sue W
**High Tide:** NA
**Low Tide:** NA

| Well ID | Time | Depth to Water (FT) | PID Reading (ppm) | Comments |
|---|---|---|---|---|
| 2LMW20S | 16:38 | dry/16.60 | 0.0 | dry at 16.60 |
| 2WMW21S | 16:28 | 4.25 | 0.0 | |
| 2WMW38DS | 15:15 | 6.53 | 0.0 | |
| 2WMW39DS | 15:21 | 2.15 | 0.0 | |
| 2WMW40DS | 15:32 | 3.13' | 0.0 | |
| 2WMW41DS | 15:36 | 2.22 | 0.0 | |
| 2WMW42DS | 15:42 | 1.82 | 0.0 | |
| 2WMW43DS | 15:57 | 2.33 | 0.0 | |
| 2WMW44DS | 15:43 | 1.51 | 0.0 | in water |
| 2WMW45DS | 16:08 | 2.21 | 0.0 | |
| 2WMW46DS | 16:10 | 1.47 | 0.0 | |
| 2WMW47DS | 16:31 | 1.32 | 0.0 | water to top |
| 3MW12D | 15:01 | 4.53 | 0.0 | |
| 3MW37S | 14:51 | 3.59 | 0.0 | eroded road box |
| 4MW1S | 16:15 | 6.94 | 0.0 | |
| SG06 | 15:09 | 19.28 | 0.0 | |
| SG15 | — | dry | 0.0 | |
| SG16 | 15:14 | dry | 0.0 | |
| SG17 | 15:20 | dry | 0.0 | |
| SG18 | 15:33 | 3.61 | 0.0 | |
| SG19 | 15:43 | 3.77 | 0.0 | |
| SG20 | 15:59 | 3.13 | 0.0 | |
| SG21 | 15:54 | 3.19 | 0.0 | |
| SG22 | 16:09 | 4.10 | 0.0 | |
| SG23 | 16:11 | 3.65 | 0.0 | |
| SG24 | 16:33 | – | 0.0 | broken |

# APPENDIX C

## Calibration Logs

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A **Date** 12/6/05 **Weather** Overcast cold 30°

**Calibrated By** Fred S **Instrument** YSI YSI Sonde **Serial Number** 04V15729AH 01K0505AA

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity 1.413 | 1.413 | 1.446 | 4.86 | |
| pH (7) | 7.00 | 7.10 | 3.47 | |
| pH (4) | 3.99 | 4.03 | 2.49 | |
| pH (10) | 9.97 | 9.87 | 2.73 | |
| ORP 240 mV | 240.1 | 216.8 | 3.11 | |
| Dissolved Oxygen % | 100 | 97.5 | 6.19 | |
| Barometric Pressure mm Hg | 760.0 | | | |
| | | | | |
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| | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A **Date** 12/6/05 **Weather** Overcast Cold 30°

**Calibrated By** Fred S **Instrument** YSI YSI Sonde **Serial Number** 04D8002AC 01J0849AC

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity 1.413 | 1.413 | 1.402 | 5.33 | |
| pH (7) | 7.00 | 7.49 | 5.43 | |
| pH (4) | 3.29 | 3.99 | 3.29 | |
| pH (10) | 9.96 | 9.98 | 3.34 | |
| ORP 240 mV | 240.2 | 217.8 | 3.71 | |
| Dissolved Oxygen % | 100.7 | 99.3 | 5.40 | |
| Barometric Pressure mm Hg | 765.5 | | | |
| | | | | |
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| | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A Landfill **Date** 12-7-05 **Weather** cold 32° sunny

**Calibrated By** Suzanne **Instrument** YSI Sonde **Serial Number** 04J15729 AH 01K0505 AA

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity | 1.413 | 1.382 | 17.30 | |
| pH (7) | 7.00 | 6.98 | 17.96 | |
| pH (4) | 4.00 | 3.97 | 17.81 | |
| pH (10) | 9.97 | 9.94 | 18.22 | |
| ORP 240. | 240.0 | 249.8 | 18.18 | |
| Dissolved Oxygen | 98.5% | 98.5% | 17.91 | new DO membrane |
| Barometric Pressure | 764.1 | | | |
| | | | | |
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| | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A Landfill **Date** 12-7-05 **Weather** cold 32° sunny

**Calibrated By** Suzanne **Instrument** YSI sonde **Serial Number** 04D8002AC 01J0849A

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity | 1.413 | 1.429 | 16.85 | |
| pH (7) | 7.00 | 7.09 | 18.14 | |
| pH (4) | 4.00 | 3.92 | 17.85 | |
| pH (10) | 9.98 | 9.80 | 18.10 | |
| ORP | 240.0 | 251.3 | 18.18 | |
| Dissolved Oxygen | 100.3% | 101.2% | 16.83 | |
| Barometric Pressure | 764.1 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A **Calibrated By** Suzanne

| Instrument/Serial Number | Pre-cal 1.0 (NTU) | Pre-cal 10 (NTU) | Post-cal 1.0 (NTU) | Post-cal 10 (NTU) | Date |
|---|---|---|---|---|---|
| Lamotte Turbidimeter 3138-1802 | 1.0 | 10. | 0.82 | 10.34 | 12/6/05 |
| Lamotte Turbidimeter 2757-2801 | 1.0 | 10. | 1.31 | 10.47 | 12/6/05 |
| Lamotte Turbidimeter 5363-4004 | 1.0 | 10. | 1.28 | 9.35 | 12/6/05 |
| Lamotte Turbidimeter 5363-4004 | 1.0 | 10 | 0.37 | 10.34 | 12/7/05 |
| Lamotte Turbidimeter 3138-1802 | 1.0 | 10 | 1.14 | 10.23 | 12/7/05 |
| Lamotte Turbidimeter 2757-2801 | 1.0 | 10 | 1.13 | 10.19 | 12/7/05 |
| Lamotte Turbidimeter 2757-2801 | 1.0 | 10 | 1.15 | 10.18 | 12/8/05 |
| Lamotte Turbidimeter | | | | | |
| Lamotte Turbidimeter | | | | | |
| Lamotte Turbidimeter | | | | | |
| Lamotte Turbidimeter | | | | | |
| Lamotte Turbidimeter | | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A Landfill **Date** 12-8-05 **Weather** _____

**Calibrated By** Suzanne **Instrument** YSI sonde **Serial Number** 04J15729AH 01K0505AA

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity 1.413 | 1.413 | 1.393 | 10.69 | |
| pH (7) 4 SW | 4.00 | 3.97 | 10.78 | |
| pH (10) 10 SW | 10.00 | 9.95 | 10.67 | |
| pH (10) 7 SW | 7.00 | 6.98 | 10.72 | |
| ORP 240. | 240.0 | 248.6 | 10.79 | |
| Dissolved Oxygen | 100.0% | 98.5% | | |
| Barometric Pressure | 760.0 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# INSTRUMENT CALIBRATION LOG

**Project/Site Name** Area A Landfill **Date** 12-8-05 **Weather** cold

**Calibrated By** Suzanne **Instrument** YSI Sonde **Serial Number** 04D8002 AC 01J0849

| Parameters | Pre-calibration Reading | Post-calibration Reading | Temperature °C | Comments |
|---|---|---|---|---|
| Conductivity 1.413 | 1.413 | 1.420 | 10.17 | |
| pH (7) | 7.00 | 7.08 | 10.58 | |
| pH (4) | 4.00 | 3.93 | 10.58 | |
| pH (10) | 9.96 | 9.80 | 10.62 | |
| ORP 240. | 240.2 | 249.5 | 10.70 | |
| Dissolved Oxygen | 100% | 97.5% | | |
| Barometric Pressure | 770.0 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# APPENDIX D

## Groundwater and Surface Water Field Forms

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 2-MW40DS

**Date:** 12/6/05
**Sampler:** FS
**PID Reading:** 0

**Start Time:** 1145 **End Time:**
**Well Construction:** 2" PVC
**Depth to water:** 3.16
**Well Depth:** 16.41
**Water Column:** 13.25
**Total Volume Removed (L)** 11.0

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 600 | 0150849AC |
| YSI | 650 | 04D8082AC |
| Lamotte | Turbidimeter | 5363-4004 |
| Geotech | Gas Pump | 4845 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 1150 | 0.5 | 100 | 4.80 | 11.25 | 7.56 | 30.45 | 1.37 | -308 | 1 | Clear |
| 1200 | 1.0 | 100 | 5.83 | 11.32 | 7.54 | 28.27 | 0.21 | -357 | 3 | Clear |
| 1210 | 1.0 | 100 | 7.21 | 11.28 | 7.49 | 24.55 | 0.68 | -357 | 4 | Clear |
| 1230 | 2.0 | 100 | 10.45 | 11.24 | 7.51 | 16.86 | 0.00 | -334 | 3 | Clear |
| 1300 | 3.0 | 100 | 13.19 | 10.56 | 8.03 | 24.77 | 4.07 | -316 | 3 | Clear |
| 1315 | 1.5 | 100 | 14.28 | 10.42 | 8.08 | 25.13 | 4.52 | -316 | 2 | Clear |
| 1320 | 0.5 | 100 | 14.40 | 10.40 | 8.09 | 25.17 | 4.66 | -315 | 2 | Clear |
| 1325 | 0.5 | 100 | 14.59 | 10.37 | 8.09 | 25.22 | 4.67 | -315 | 3 | Clear |
| 1330 | 0.5 | 100 | 14.76 | 10.36 | 8.10 | 25.25 | 4.74 | -315 | 2 | Clear |
| 1335 | 0.5 | 100 | 15.02 | 10.35 | 8.10 | 25.26 | 4.75 | -315 | 2 | Clear |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 1335 | 2-GW40DS-04 | 1L Amber | 2 | None | SVOC, PAH |
| ↓ | ↓ | 250ml poly | 1 | $H_2SO_4$ | Alk, SO4, TDS, Cl |
| | | 500ml poly | 2 | $HNO_3$ | Metals + Hardness |
| | | 500ml poly | 1 | None | COD |
| | | 40ml vial | 2 | HCL | TOC |
| | | 1000 ml Poly | 1 | None | TSS |

**Comments** * Peristaltic pump is pumped at slowest rate possible

Signature

12/6/05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 3 MW 375

**Date:** 12-6-05
**Sampler:** Suzanne
**PID Reading:** 0

**Start Time:** _____ **End Time:** _____
**Well Construction:** 2" PVC
**Depth to water:** 3.58
**Well Depth:** 8.28
**Water Column:** 4.7
**Total Volume Removed (L)** 6.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600XLM | 01K0505AA |
| LaMotte turbidimeter | | 3138-1602 |
| Solinst water level indicator | | 0441 |
| geopump 2 | | |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 11:58 | .1 | 100 | 3.83 | 9.50 | 6.76 | 1.327 | 8.56 | -54.9 | 153 | hazy |
| 12:08 | 1 | 100 | 4.02 | 9.60 | 6.26 | 2.530 | 1.56 | 9.0 | 41 | clear |
| 12:18 | 1 | 100 | 4.04 | 9.44 | 6.29 | 2.473 | 1.54 | 8.1 | 31 | clear |
| 12:28 | 1 | 100 | 3.97 | 9.24 | 6.31 | 2.421 | 1.38 | 18.0 | 16 | clear |
| 12:38 | 1 | 100 | 3.97 | 9.30 | 6.30 | 2.396 | 1.36 | 25.8 | 6 | clear |
| 12:48 | 1 | 100 | 3.97 | 9.35 | 6.29 | 2.339 | 1.34 | 34.3 | 2 | clear |
| 12:53 | .5 | 100 | 3.97 | 9.33 | 6.29 | 2.335 | 1.33 | 35.3 | 2 | clear |
| 12:58 | .5 | 100 | 3.97 | 9.34 | 6.28 | 2.328 | 1.32 | 36.2 | 2 | clear |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 12:59 | 3-GW 375-04 | 40 ml | 2 | $H_2SO_4$ | TOC |
| 12:59 | 3-GW-375-04 | 250 poly | 1 | $H_2SO_4$ | COD |
| 12:59 | 3-GW-375-04 | 500 ml poly | 2 | $HNO_3$ | Metals Total & dis (FE) |
| 12:59 | 3-GW-375-04 | 500 ml poly | 1 | None | Alk, $SO_4$, TDS, Cl |
| 12:59 | 3-GW 375-04 | 1 L Amber | 2 | None | SVOC 2270C, PAHs |
| 12:59 | 3-GW 375-04 | 1000 ml poly | 1 | None | 8270C (SIM), TSS |

**Comments**

Suzanne Whitaside
**Signature**

12-6-05
**Date**

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 12D

**Date:** 12.6.05
**Sampler:** Suzanne W.
**PID Reading:** 0

**Start Time:** 14:12 **End Time:** 15:14
**Well Construction:** 2" PVC
**Depth to water:** 5.20
**Well Depth:** 27.85
**Water Column:** 22.65
**Total Volume Removed (L)** 6.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 AH |
| YSI | 600 XLM | 01K0505 AA |
| LaMotte turbidimeter | | 3138 1602 |
| geopump 2 | | 0441 |
| Solinst water level | | |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 14:13 | | 100 | 5.20 | 9.64 | 6.34 | 3.038 | 2.61 | 0.8 | 10 | clear |
| 14:23 | 1 | 100 | 5.20 | 9.50 | 6.26 | 3.046 | 0.76 | -4.7 | 5 | clear |
| 14:33 | 1 | 100 | 5.20 | 9.43 | 6.25 | 3.037 | 0.64 | -3.2 | 5 | clear |
| 14:43 | 1 | 100 | 5.20 | 9.55 | 6.25 | 3.031 | 0.62 | -3.1 | 5 | clear |
| 14:53 | 1 | 100 | 5.20 | 9.66 | 6.25 | 3.027 | 0.61 | -3.1 | 5 | clear |
| 15:03 | 1 | 100 | 5.20 | 9.70 | 6.25 | 3.021 | 0.59 | -3.2 | 5 | clear |
| 15:08 | .5 | 100 | 5.20 | 9.71 | 6.26 | 3.018 | 0.58 | -3.3 | 5 | clear |
| 15:13 | .5 | 100 | 5.20 | 9.73 | 6.26 | 3.015 | 0.57 | -3.4 | 5 | clear |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 15:14 | 3·GW12D·04 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| 15:14 | 3·GW12D·04 | 250 ml poly | 1 | $H_2SO_4$ | COD |
| 15:14 | 3·GW12D·04 | 500 ml poly | 2 | $HNO_3$ | Metals tot & dis (EF) |
| 15:14 | 3·GW12D·04 | 500 ml poly | 1 | None | Alk, $SO_4$, TDS, Cl |
| 15:14 | 3·GW12D·04 | 1 L Amber | 2 | None | SVOC, zinc, PAHs, 8270C SIM |
| 15:14 | 3·GW12D·04 | 1000 ml poly | 1 | None | TSS |

**Comments**

A Whitesides
**Signature**

12.6.05
**Date**

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 4MW-15

**Date:** 12/6/05
**Sampler:** FS
**PID Reading:** 0

**Start Time:** 1405 **End Time:**
**Well Construction:** 2" PVC
**Depth to water:** 6.94
**Well Depth:** 20.05
**Water Column:** 13.11
**Total Volume Removed (L)** 10.75

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 600 | 01J0849AC |
| YSI | 650 | 04D8002AC |
| Lamotte | Turbidimeter | 5563-4004 |
| Geotech | Geopump | 4045 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 1410 | ~~0.7~~ 1.25 | 250 | 7.03 | 11.62 | 8.20 | 0.768 | 7.04 | -191 | 1 | Clear |
| 1415 | 0.5 | 100 | 7.05 | 11.70 | 6.89 | 0.277 | 6.60 | -183 | 1 | Clear |
| 1430 | 1.5 | 100 | 7.07 | 11.78 | 6.64 | 0.249 | 6.67 | -126 | 1 | Clear |
| 1445 | 1.5 | 100 | 7.08 | 11.85 | 6.61 | 0.250 | 6.72 | -106 | 0 | Clear |
| 1500 | 1.5 | 100 | 7.09 | 11.83 | 6.60 | 0.249 | 6.73 | -105 | 0 | Clear |
| 1530 | 3.0 | 100 | 7.11 | 11.43 | 6.60 | 0.245 | 6.90 | -25 | 0 | Clear |
| 1535 | 0.5 | 100 | 7.11 | 11.43 | 6.59 | 0.245 | 6.89 | -25 | 0 | Clear |
| 1540 | 0.5 | 100 | 7.12 | 11.42 | 6.60 | 0.245 | 6.88 | -25 | 0 | Clear |
| 1545 | 0.5 | 100 | 7.12 | 11.42 | 6.60 | 0.246 | 6.88 | -24 | 0 | Clear |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 1550 | ~~40 ml vial~~ | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| | 4MW-15 02 | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals tot & dis |
| | | 500 ml poly | 1 | None | Alk, SO4, TDS, Cl |
| | | 1 L Amber | 2 | None | SVOC, PAH 8260C SIM |
| ↓ | | 1000 ml poly | 1 | None | TSS |

**Comments**

Signature

12/6/05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SP01

**Date:** 12-6-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600XLM | 01K0505AA |
| LaMotte | turbidimeter | 2757-2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 13:10 | 8.86 | 6.33 | 1.410 | 1.93 | -13.9 | 6 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 12:30 | 3-SP01-04 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| | 3-SP01-04 | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | 3-SP01-04 | 500 ml poly | 1 | $HNO_3$ | Tot Metals |
| | 3-SP01-04 | 500 ml poly | 2 | None | dis Metals, Alk, SO4, TDS, Cl |
| | 3-SP01-04 | 1 L Ambers | 2 | None | SVOC, 2270c, PAHs, 8270c SIM |
| | 3-SP01-04 | 1000 ml poly | 1 | None | TSS |

**Comments**

Suzanne White
Signature

12-6-05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 18

**Date:** 12-7-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600XLM | 01K0505AA |
| LaMott | turbidimeter | 2757 2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 11:55 | 0.88 | 7.17 | 2.306 | 9.89 | -158.1 | 65 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 11:45 | 2-SW18-02 | 40 ml | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 1 | $HNO_3$ | Tot Metals |
| | | 500 ml poly | 2 | None | disMet, Alk, SO4 TDS Cl |
| | | | | | |
| | | | | | |

**Comments**

Suzanne Whiteside
Signature

12-7-05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 19

**Date:** 12-7-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600XLM | 01K0505AA |
| Lamotte | turbidimete | 2757-2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 10:06 | 0.74 | 7.92 | 0.421 | 8.43 | -238.0 | 68 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 0:00 | 2 SW 120705 | 40 ml | 2 | $H_2SO_4$ | VOC |
| 09:00 | 2 SW 19.02 | 250 ml | 1 | $H_2SO_4$ | COD |
| ↓ | ↓ " MS/MSD | 500 ml | 1 | HNO3 | TOT Met |
| ↓ | ↓ | 500 ml | 2 | None | dis Met |
| ↓ | ↓ | 1 L Amber | 2 | None | Alk, SO4, TDS, Cl |
| ↓ | ↓ | 1000 ml poly | 1 | None | TSS |

SVOC, PAH & TOC, SVM

**Comments** sulfur like odor

Suzanne Whitehead
Signature

12-7-05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW20

**Date:** 12-7-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600 XLM | 01K0505 AA |
| LaMotte | turbidimeter | 2757 2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 12:10 | 1.75 | 7.66 | 0.299 | 9.54 | -104.1 | 82 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 12:00 | 2-SW20-02 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 1 | $HNO_3$ | Tot Metals |
| | | 500 ml poly | 2 | None | diss met, $AlkSO_4$, TDS, Cl |
| | | 1 L Amber | 2 | None | SVOC, 8270C, PAH, Sil |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

Suzanne Whiteside
Signature

12-7-05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 21

**Date:** 12-7-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 AH |
| YSI | 600 XLM | 01K0505 AA |
| LaMotte turbidimeter | | 2757 2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 1410 | 0.88 | 9.03 | 0.366 | 9.92 | -273.6 | 16 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 1400 | 2 SW 21 02 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| | | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 1 | $HNO_3$ | Metals TOT |
| | | 500 ml poly | 2 | None | dis Met, Alk, $SO_4$, TDS, Cl |
| | | 1 L Amber | 2 | None | SVOC, 8270C, PAH, 8270C SIM |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

S Whiteside
Signature

12-7-05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 2LMW1D

**Date:** 12/7/05
**Sampler:** FS
**PID Reading:** 0

**Start Time:** 0820 **End Time:**
**Well Construction:** 2" PVC
**Depth to water:** 6.51
**Well Depth:** 30.40
**Water Column:** 23.89
**Total Volume Removed (L)** 16.3

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 600 | 0130849AC |
| YSI | 650 | 04D8002AC |
| Lamotte | Turbidimeter | 3138-1602 |
| Geotech | Geopump | 4045 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 0825 | 1.25 | 250 | 7.31 | 13.07 | 6.52 | 1.222 | 0.71 | -68 | 16 | Clear |
| 0835 | 2.5 | 250 | 7.51 | 13.51 | 6.49 | 1.171 | 0.41 | -91 | 144 | Grayish |
| 0840 | 1.25 | 200 | 7.40 | 13.55 | 6.47 | 1.185 | 0.33 | -95 | 78 | Grayish |
| 0900 | 4.0 | 200 | 7.44 | 13.27 | 6.39 | 1.118 | 0.27 | -77 | 14 | Clear |
| 0915 | 3.0 | 200 | 7.46 | 12.97 | 6.36 | 1.167 | 0.31 | -70 | 11 | Clear |
| 0925 | 2.5 | 150 | 7.27 | 13.09 | 6.31 | 1.042 | 0.29 | -64 | 4 | Clear |
| 0928 | 0.45 | 150 | 7.21 | 13.21 | 6.37 | 1.073 | 0.26 | -79 | 2 | Clear |
| 0931 | 0.45 | 150 | 7.21 | 13.21 | 6.36 | 1.074 | 0.26 | -79 | 2 | Clear |
| 0934 | 0.45 | 150 | 7.20 | 13.21 | 6.35 | 1.074 | 0.26 | -79 | 3 | Clear |
| 0937 | 0.45 | 150 | 7.20 | 13.19 | 6.35 | 1.074 | 0.26 | -80 | 2 | Clear |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 0940 | 2-GW-1D | 1L Amber | 2 | None | SVOC, PAH |
| 0940 | 2-GW-1D MS/MSD | | 4 | None | SVOC, PAH |
| 0000 | 2-GW120705A | | 2 | None | SVOC, PAH |
| 0940 | 2-GW-1D | 500ml poly | 2 | HNO3 | Total-Dissolved Metals |
| 0940 | 2-GW-1D | 250ml poly | 1 | None | Alk, Sol, TDS, CL |
| 0940 | 2-GW-1D | 1L poly | 1 | None | TSS |

**Comments**

Collected Field Dup 2-GW120705A
Collected MS/MSD

Signature

12/7/05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** MW42 DS

**Date:** 12-7-05
**Sampler:** Suzanne
**PID Reading:** 0

**Start Time:** 8:37 **End Time:** 9:29
**Well Construction:** 2" PVC
**Depth to water:** 3.86
**Well Depth:** 16.06
**Water Column:** 12.20
**Total Volume Removed (L)** 5.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600 XLM | 01K0505AA |
| LaMotte turbidimeter | | 3138-1602 |
| Solinst water level indicator | | |
| geopump 2 | | 0441 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 8:38 | .1 | 100 | 5.84 | 8.36 | 6.99 | 25.73 | 4.15 | -204.6 | 11 | clear |
| 8:46 | 1 | 100 | 8.32 | 9.12 | 6.81 | 13.54 | 1.38 | -301.2 | 11 | clear |
| 8:52 | 1 | 100 | 8.56 | 9.25 | 6.79 | 12.36 | 0.07 | -332.4 | 11 | clear |
| 9:08 | 1 | 100 | 8.63 | 9.16 | 6.80 | 11.52 | 0.08 | -339.6 | 9 | clear |
| 9:14 | 1 | 100 | 8.72 | 9.06 | 6.80 | 10.39 | 0.06 | -310.0 | 8 | clear |
| 9:23 | .5 | 100 | 8.74 | 9.02 | 6.81 | 12.01 | 0.08 | -339.3 | 8 | clear |
| 9:28 | .5 | 100 | 8.76 | 9.03 | 6.81 | 11.98 | 0.07 | -341.5 | 7 | clear |
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| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 9:29 | 2-GW42DS.04 | 40 ml | 2 | $H_2SO_4$ | TOC |
| | | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals total & diss (F) |
| | | 500 ml poly | 1 | None | Alk, $SO_4$, TDS, Cl |
| | | 1 L Amber | 2 | None | SVOC, 8270C, PAH, 8270 CSM |
| | | 1000 ml poly | 1 | None | TSS |

**Comments** Field Dup 2-GW120705B

Suzanne Whiteside
**Signature**

12-7-05
**Date**

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** MW 43

**Date:** 12-7-05
**Sampler:** Suzanne
**PID Reading:** 0

**Start Time:** 12:46 **End Time:** 13:28
**Well Construction:** 2" PVC
**Depth to water:** 2.32
**Well Depth:** 15.62
**Water Column:** 13.30
**Total Volume Removed (L)** 4.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600 XLM | 01K0505AA |
| LaMotte turbidimeter | | 2757-2801 |
| Geopump 2 | | 0441 |
| Solinst water level indicator | | |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 12:47 | .1 | 100 | 3.93 | 9.29 | 6.71 | 38.84 | 5.11 | -338.9 | 20 | clear |
| 12:51 | 1 | 100 | 4.99 | 9.19 | 6.81 | 35.24 | 2.03 | -356.4 | 14 | clear |
| 13:07 | 1 | 100 | 6.42 | 8.82 | 6.84 | 28.62 | 1.10 | -359.0 | 12 | clear |
| 13:17 | 1 | 100 | 7.10 | 8.66 | 6.86 | 26.57 | 1.02 | -361.0 | 10 | clear |
| 13:22 | .5 | 100 | 7.39 | 8.67 | 6.87 | 24.65 | 0.92 | -360.0 | 10 | clear |
| 13:27 | .5 | 100 | 7.54 | 8.68 | 6.88 | 24.70 | 0.90 | -359.1 | 10 | clear |
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| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 13:25 | 2-GW43DS | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| 13:26 | | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals Tot & dis (FF) |
| | | 500 ml poly | 1 | None | Alk $SO_4$ TDS Cl |
| | | 1 L Amber | 2 | None | SVOC, 2760C, PAH's |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

S Wheeler

**Signature**

12-7-05

**Date**

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** MW 44 DS

**Date:** 12·7·05
**Sampler:** Suzanne
**PID Reading:** 0

**Start Time:** 14:23 **End Time:** 15:15
**Well Construction:** 2" PVC
**Depth to water:** 1.53
**Well Depth:** 16.54
**Water Column:** 15.01
**Total Volume Removed (L)** 5.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 AH |
| YSI | 600 XLM | 01K0505AA |
| LaMotte | turbidimeter | 2757 2801 |
| Geopump 2 | | |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 14:24 | .1 | 100 | 2.23 | 9.72 | 7.04 | 42.54 | 2.92 | -378.9 | 23 | clear |
| 14:34 | 1 | 100 | 2.98 | 8.93 | 7.04 | 41.24 | 0.93 | -380.5 | 15 | clear |
| 14:44 | 1 | 100 | 3.54 | 8.84 | 7.04 | 40.61 | 0.34 | -381.8 | 11 | clear |
| 14:54 | 1 | 100 | 4.02 | 8.91 | 7.03 | 39.88 | 0.32 | -378.1 | 10 | clear |
| 15:04 | 1 | 100 | 5.14 | 8.99 | 7.03 | 38.93 | 0.30 | -377.9 | 10 | clear |
| 15:09 | .5 | 100 | 5.75 | 9.01 | 7.03 | 38.25 | 0.22 | -377.6 | 10 | clear |
| 15:14 | .5 | 100 | 5.98 | 9.03 | 7.03 | 38.02 | 0.19 | -376.9 | 10 | clear |
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| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 15:15 | 2 GW44DS-04 | 40ml vial | 2 | $H_2SO_4$ | TOC |
| | | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals T & diss |
| | | 500 ml poly | 1 | None | Alk, SO4, TDS, Cl |
| | | 1 L Amber | 2 | None | SVOC 8260c, PAH 8270c SIM |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

Signature

12·7·05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** MW 46 DS

**Date:** 12-8-05
**Sampler:** Suzanne
**PID Reading:**

**Start Time:** 9:54 **End Time:** 10:46
**Well Construction:** 2" PVC
**Depth to water:** 3.21
**Well Depth:**
**Water Column:**
**Total Volume Removed (L)** 5.1

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 AH |
| YSI | 600 XLM | 01K0505 AA |
| LaMotte turbidimeter | | |
| Geopump 2 | | 0441 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 9:55 | .1 | 100 | 3.83 | 8.21 | 7.13 | 47.27 | 5.04 | -346.9 | 5 | clear |
| 10:05 | 1 | 100 | 4.62 | 8.14 | 7.06 | 47.44 | 0.66 | -394.8 | 5 | clear |
| 10:15 | 1 | 100 | 4.93 | 8.46 | 7.05 | 47.24 | 0.68 | -374.0 | 5 | clear |
| 10:25 | 1 | 100 | 5.54 | 8.50 | 7.04 | 47.04 | 0.65 | -357.5 | 5 | clear |
| 10:35 | 1 | 100 | 6.62 | 8.54 | 7.04 | 46.98 | 0.64 | -357.7 | 4 | clear |
| 10:40 | .5 | 100 | 6.83 | 8.58 | 7.04 | 46.93 | 0.59 | -356.6 | 4 | clear |
| 10:45 | .5 | 100 | 6.94 | 8.62 | 7.04 | 46.89 | 0.57 | -356.1 | 4 | clear |
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| | | | | | | | | | | |
| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 10:46 | 2 GW46-04 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals total & DISSOLVED |
| | | 500 ml poly | 1 | None | Alk, SO4, TDS Cl |
| | | 1 L Amber | 2 | None | SVOC, PAH 8260 |
| ↓ | ↓ | 1000 ml poly | 1 | None | TSS |

**Comments**

Suzanne M Whiteside
Signature

12-8-05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 2-MW-21S

**Date:** 12/8/05
**Sampler:** FS
**PID Reading:** 0

**Start Time:** 0950 **End Time:**
**Well Construction:** 2" PVC
**Depth to water:** 4.33
**Well Depth:** 17.05
**Water Column:** 12.72
**Total Volume Removed (L)** 22.75

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 600 | 01J0849AC |
| YSI | 650 | 04D8007AC |
| Lamotte | Turbidimeter | 3138-1602 |
| Geotech | Geopump | 3938 |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| 0955 | 1.75 | 350 | 5.88 | 11.27 | 7.26 | 42.61 | 0.59 | -342 | 13 | Clear |
| 1005 | 1.5 | 150 | 5.85 | 10.50 | 7.19 | 36.71 | 0.64 | -343 | 6 | Clear |
| 1015 | 1.5 | 150 | 6.01 | 10.64 | 7.17 | 35.11 | 0.54 | -346 | 5 | Clear |
| 1030 | 2.25 | 150 | 6.18 | 10.49 | 7.13 | 22.78 | 0.20 | -453 | 17 | Clear |
| 1040 | 1.50 | 150 | 6.24 | 10.24 | 7.10 | 23.00 | 0.18 | -480 | 31 | Dark Gray |
| 1100 | 3.0 | 150 | 6.18 | 10.74 | 6.96 | 17.81 | 0.36 | -562 | 114 | Black |
| 1130 | 4.5 | 150 | 6.18 | 10.43 | 6.87 | 16.10 | 0.40 | -573 | 157 | ~~Dark Gray~~ Black |
| 1140 | 1.5 | 150 | 6.19 | 10.31 | 6.89 | 17.03 | 0.43 | -572 | 125 | Black |
| 1200 | 3.0 | 150 | 6.19 | 10.36 | 6.85 | 15.13 | 0.48 | -429 | 128 | Black |
| 1205 | 0.75 | 150 | 6.20 | 10.36 | 6.85 | 15.11 | 0.49 | -428 | 121 | Black |
| 1210 | 0.75 | 150 | 6.20 | 10.36 | 6.85 | 15.10 | 0.43 | -427 | 125 | Black |
| 1215 | 0.75 | 150 | 6.20 | 10.36 | 6.84 | 15.08 | 0.47 | -426 | 119 | Black |
| 1220 | 0.75 | 150 | 6.20 | 10.35 | 6.84 | 15.08 | 0.46 | -431 | 3 | clear |
| **Acceptance Criteria:** | | | <0.3 ft | 3% | ±0.1 | 3% | 10% | ±10mV | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 1220 | 2-GW21S-04 | 40ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 2 | $HNO_3$ | Metals + Hardness |
| | | 500 ml poly | 1 | None | Alk, SO4, TDS, Cl |
| | | 1L Amber | 2 | None | SVOC, PAH |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

Sample water was clear. Turned black. Cleared up at 1220 and starting to turn black during sampling again.
Color of sample water fluctuated during sampling from clear to Dark gray

Signature

12/8/05
Date

# Environmental Chemical Corporation

## Low Flow/Low Stress Groundwater Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Well ID:** 2LMW 20S

**Date:** 12/8/05
**Sampler:** FS
**PID Reading:** 0

**Start Time:** 0800 **End Time:**
**Well Construction:** 2" PVC
**Depth to water:** * Dry at 16.60
**Well Depth:** 16.60
**Water Column:**
**Total Volume Removed (L)**

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

| Time | volume removed (liters) | Flow Rate (ml/min) | Depth To Water (ft) | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | color |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
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| **Acceptance Criteria:** | | | < 0.3 ft | 3% | ± 0.1 | 3% | 10% | ±10mv | 10% | |

2" screen volume = 0.163 gal/ft or 616 ml per foot

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| | | | | | |
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**Comments** * Physically checked water level meter for wetness. Only 1" tip of water level was wet. This is the first time well has been dry and it is also the first time we try to sample it after installing new road box and concrete pad.

Signature

12/8/05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 24

**Date:** 12-8-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729AH |
| YSI | 600 XLM | 01K0505AA |
| LaMotte | turbidimeter | 257-2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 10:10 | 0.61 | 7.62 | 0.764 | 8.15 | -154.8 | 80 | brown |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 10:00 | 2-SW24-02 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 1 | $HNO_3$ | tot metals |
| | | 500 ml poly | 2 | None | dis met, Alk, $SO_4$, TD |
| | | 1 L Amber | 2 | None | SVOC, PAH, 8260C |
| | | 1000 ml poly | 1 | None | TSS |

**Comments** broke through 1" of ice to get sample

Suzanne Whiteside
**Signature**

12-8-05
**Date**

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 22

**Date:** 12-8-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 A1+ |
| YSI | 600 XLM | 01K0505 AA |
| LaMotte | turbidimeter | 2757-2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 9:10 | 0.59 | 7.37 | 0.515 | 7.31 | -213.3 | 50 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 9:00 | 2-SW22-02 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| ↓ | ↓ | 500 ml poly | 1 | $HNO_3$ | Tot metals |
| ↓ | ↓ | 500 ml poly | 2 | None | dis met, Alk, $SO_4$, TDS, Cl |
| ↓ | ↓ | 1 L Amber | 2 | None | SVOC, PAH, 8260C |
| ↓ | ↓ | 1000 ml poly | 1 | None | TSS |

**Comments**

Suzanne Whiteside
Signature

12-8-05
Date

# Environmental Chemical Corporation

## Seep/Surface Water Sampling Log

**Project:** Area A Landfill
**Location:** New London, CT
**Sample Location ID:** SW 23

**Date:** 12-8-05
**Sampler:** Suzanne

**Field Testing Equipment**

| Make | Model | Serial # |
|---|---|---|
| YSI | 650 MDS | 04J15729 AH |
| YSI | 600XLM | 01K0505 AA |
| LaMotte | turbidimeter | 2757-2801 |

| Time | Temp (celsius) | pH (STD) | SPC mS/cm | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Color |
|---|---|---|---|---|---|---|---|
| 9:40 | 0.98 | 8.610 | 0.629 | 0.12 | -281.9 | 5 | clear |
| | | | | | | | |
| | | | | | | | |

**Sample Collection**

| Time | Sample ID | Container | # of Bottles | Preservative | Analyses |
|---|---|---|---|---|---|
| 9:30 | 2-SW 23-02 | 40 ml vial | 2 | $H_2SO_4$ | TOC |
| ↓ | ↓ | 250 ml poly | 1 | $H_2SO_4$ | COD |
| | | 500 ml poly | 1 | $HNO_3$ | tot Metals |
| | | 500 ml poly | 2 | None | dis met; Alk, SO4, TDS, C |
| | | 1 L Amber | 2 | None | SVOC, PAH 8260 C S |
| | | 1000 ml poly | 1 | None | TSS |

**Comments**

Suzanne Whitsicle
Signature

12-8-05
Date

# APPENDIX E

## Data Validation Memos and Laboratory Analytical Results

**AREA A LANDFILL**

**DATA VALIDATION MEMORANDUM**

**DECEMBER 2005 SAMPLING ROUND 17 (ALPHA SDG L0514936 & L0514937)**

**TO:** ENGINEERING FIELD ACTIVITY NORTHEAST

**FROM:** JACKSON KIKER, ECC SENIOR CHEMIST, MARLBOROUGH, MA

**SUBJECT:** NEW LONDON NSB – IRP O&M MONITORING - SAMPLING ROUND 17

**DATE:** 7 FEBRUARY 2006

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Project data were validated using the following O&M Manual and Validation Functional Guideline, as modified for non-CLP methods.

1. Region I, EPA-NE Data Validation Functional Guidelines for Evaluation of Environmental Analyses (Dec, 1996).

2. Operations and Maintenance Manual for Installation Restoration Program at Naval Submarine Base New London (Nov, 2002).

The validation guideline exceedences are assessed and documented on the method specific data validation worksheets. On the ECC modified USEPA Region I data validation worksheets, the data quality acceptance criteria are presented, analytes requiring qualification based on laboratory historical control limits and/or validation guidance criteria exceedences are listed, assigned qualifiers, qualifying rationale is documented, and any potential bias noted. The overall evaluation of the data generated is presented in the data validation worksheet.

As an exception to the USEPA Region I data validation guidance, non-target ketone VOC data with response factors (RFs) less than the 0.05 were not qualified, as the Tier guidance allows for exceptions to the RF guidance.

Presented in this Master Data Validation Memorandum are the data validation reports for the Sample Data Groups (SDGs) presented in Table I. Data validation reports are presented for each SDG. The USEPA Region I Organic Regional Data Assessment (ORDA) sheet displays the summarized results of the data validation assessment for all analytical methods reported in the SDG.

Acronym and abbreviations used in the data validation reports are presented in Table II.

Standard EPA Region I data qualifiers are used to denote the assessment of data quality. Ancillary qualifiers are noted on the data validation worksheets. Data qualifiers are defined in Table III. The final and ranking assigned data qualifier for an analyte is presented in Table IV- Data Summary Table.

## SAMPLE DATA GROUPS

The SVOC, PAH and metals (totals/dissolved) data were validated according to USEPA Region I Tier II criteria. All QC parameters applicable to the method and Tier II criteria were validated and documented in the data worksheets.

Laboratory: The samples were analyzed by Alpha Laboratory of Westborough, MA.
Sample Matrix: Groundwater. Tripblank matrix: Deionized water.

The project's analytical samples were grouped in the SDGs and analyzed for the parameters listed in Table 1.

**Table I Sample Data Groups**

| Field Sample ID | Lab Sample ID | SVOCs 8270C | PAHs 8270C -SIM | Metals (totals) 6010B/6020A/ 7470A | Metals (dissolved) 6010B/6020A 7470 | Water Quality Paramete rs |
|---|---|---|---|---|---|---|
| 2-GW43DS-02 | L0506009-01 | X | X | X | X | X |
| 2-SW23-02 | L0506009-02 | X | X | X | X | X |
| 2-SW20-02 | L0506009-03 | X | X | X | X | X |
| 2-SW21-02 | L0506009-04 | X | X | X | X | X |
| 2-GW38DS-02 | L0506009-05 | X | X | X | X | X |
| 2-060205 | L0506009-06 | X | X | X | X | X |
| 2-GW12D-02 | L0506009-07 | X | X | X | X | X |
| 2-GW37S-02 | L0506009-08 | X | X | X | X | X |
| 2-GW39DS-02 | L0506009-09 | X | X | X | X | X |
| 2-SW24-02 | L0506009-10 | X | X | X | X | X |
| 2-GW47DS-02 | L0506009-11 | X | X | X | X | X |
| 2-SW22-02 | L0506009-12 | X | X | X | X | X |
| 2-060105-02 | L0506009-13 | X | X | X | X | X |
| 2-GW46DS-02 | L0506009-14 | X | X | X | X | X |
| 2-GW1S-02 | L0506009-15 | X | X | X | X | X |
| 2-GW45DS-02 | L0506009-16 | X | X | X | X | X |
| 2-GW42DS-02 | L0506009-17 | X | X | X | X | X |
| 2-SW19-02 | L0506009-18 | X | X | X | X | X |
| 2-SW060501-01 | L0506009-19 | X | X | X | X | X |
| 2-GW44DS-02 | L0506009-20 | X | X | X | X | X |
| 2-GW40DS-02 | L0506009-21 | X | X | X | X | X |
| 2-SW18-02 | L0506009-22 | X | X | X | X | X |
| 3-SP01-02 | L0506009-23 | X | X | X | X | X |
| 2-GW41DS-02 | L0506009-24 | X | X | X | X | X |
| 2-GW20S-02 | L0506009-27 | X | X | X | X | X |
| 2-GW21S-02 | L0506009-28 | X | X | X | X | - |

## ACRONYMS AND ABBREVIATIONS

Following is a list of acronyms and abbreviations that may be used in the data validation reports.

**Table II Acronyms and Abbreviations**

| Acronym / Abbreviation | Definition |
|---|---|
| %D | Percent difference |
| %R | Percent recovery |
| Ug/L | Microgram per liter |
| BEHP/2-BEHP | 2-bis(ethylhexyl)phthalate |
| BFB | Bromofluorobenzene |
| CCB | Continuing calibration Blank |
| CCC | Continuing Check Compound |
| CCV | Continuing Calibration Verification |
| COC | Chain of custody |
| COPC | Contaminants of potential concern |
| CRI | standard at RL for ICP |
| CVAA | Cold vapor atomic absorption |
| DCB | Decachlorobiphenly |
| DFTPP | Decafluorotriphenylphosphine |
| DQO | Data quality objective |
| EB | Equipment blank |
| EPA | Environmental Protection Agency |
| FD | Field duplicate |
| GC | Gas Chromatography |
| GC/MS | Gas chromatography/mass spectrometry |
| HT | Holding time |
| ICAL | Initial calibration |
| ICS-A/AB | Interelement check standard A or AB |
| ICV | Initial calibration verification |
| IDL | Instrument detection limit |
| IS | Internal standards |
| LCL | Lower control limit |
| LCS | Laboratory control sample |
| MDL | Method detection limit |
| MeCl | Methylene chloride |
| MS | Matrix spike |
| MSD | Matrix spike duplicate |
| MPC | Measurement performance criteria |

| Acronym / Abbreviation | Definition |
|---|---|
| NA | Not applicable |
| NC | Not calculated. |
| PAH | Polycyclic aromatic hydrocarbon |
| PCB | Polychlorinated biphenyls |
| PQL | Practical quantitation limit |
| QAPP | Quality Assurance Project Plan |
| QC | Quality control |
| RF | Response Factor |
| RPD | Relative percent difference |
| RRF | Relative response factor |
| RSD | Relative standard deviation |
| RT | Retention time |
| SDG | Sample Delivery Group |
| SOP | Standard Operation Procedure |
| SVOC | Semi-volatile organic compound |
| SPCC | System performance check compound |
| SQL | Sample Quantitation Limit |
| TB | Tripblank |
| TMX | Tetrachloro-m-xylene |
| TCX | Tetrachloro-m-xylene |
| TIC | Tentatively identified compound |
| UCL | Upper control limit |
| VOC | Volatile organic compound |

## DATA QUALIFIER REFERENCE TABLE

Data validation reports will summarize the samples reviewed, elements reviewed, any nonconformances with the established criteria, validation actions (including data qualifiers). Data qualifiers will be consistent with EPA Region I – New England guidelines and will consist of the following qualifiers listed in Table III:

### Table III Data Qualifiers

| USEPA Region I – Data Qualifier | USEPA Region I – Qualifier Definition |
|---|---|
| **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 sample reporting limit; and the reporting limit is approximate |
| **U** | The sample was analyzed for, but was not detected above the sample reporting limit. |
| **R** | The sample result is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified |

**Region I, EPA-NE ORGANIC REGIONAL DATA ASSESSMENT**

LAB NAME: Alpha Lab
SDG #:__L0514936_____
EPA-NE DV TIER LEVEL:___II___
SITE NAME: New London NSB O&M – Area A

# of SAMPLES/MATRIX:___12-water, 1-FD
VALIDATION CONTRACTOR:__ECC
VALIDATOR'S NAME: Jackson Kiker
DV Completion Date:_7 February 2006.
Date Sampled__5,6, 7,8 Dec 2005

## ANALYTICAL DATA QUALITY SUMMARY

| | | SVOC | PAH | Metals |
|---|---|---|---|---|
| 1 | Preservation and HT | O | O | O |
| 2 | Instrument Performance Check | O | O | O |
| 3 | Initial Calibration: | M | O | O |
| 4 | Continuing Calibration: | O | O | O |
| 5 | Blanks: | O | O | M |
| 6 | Surrogate Compounds: | O | O | - |
| 7 | Internal Standards | O | O | - |
| 8 | Matrix Spike/Matrix Spike Duplicate: | M | O | O |
| 9 | Sensitivity Check: | O | O | O |
| 10 | PE Samples- Accuracy Check | O | O | O |
| 11 | Target Compound Identification: | O | O | O |
| 12 | Compound Quantitation and Reported QLs | O | O | O |
| 13 | Tentatively Identified Compounds: | - | - | - |
| 14 | Semivolatile/Pesticide/PCB Cleanup: | - | - | - |
| 15 | Data Completeness | O | O | O |
| 16 | Overall Evaluation of Data: | O | O | O |

O = Data had no problems or were qualified due to minor contractual problems; M = Data were qualified due to major/systemic MPC exceedences: Z = Data were rejected as unusable due to major contractual problems.

**ACTION ITEMS: (Z items):** no action items.

**AREAS OF CONCERN: (M items):**

**Metals:** Method blank; the following metals were detected in the method blank; Ca, Sb, Cr, Co, Pb, Mo, V, Zn, As, Ag, K, & Na. MS %R>UCL for Hg.

**SVOC:** MS/MSD RPD>MPC for 2,4 Dimethlyphenol. Method blank: diethylphthalate not detected in any samples. ICV: 4-chloroaniline %D>25%.

**Comments:** Tier I for anions**.** Pesticide re-analysis confirms initial analysis results sample 12 has high VOC levels, which may be interfering with analysis or poor instrument performance.

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ALKALINITY, TOTAL | 2320B | 1800 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SOLIDS, TOTAL DISSOLVED | 2540C | 20000 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SOLIDS, TOTAL SUSPENDED | 2540D | 7 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CHLORIDE | 9251 | 12000 | mg/l | | y | 200 | 0.36 | 200 | 12-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SULFATE | 9038 | 340 | mg/l | | y | 250 | 36 | 25 | 13-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CHEMICAL OXYGEN DEMAND | 5220D | 700 | mg/l | | y | 80 | 22 | 4 | 15-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | TOTAL ORGANIC CARBON | 9060 | 33 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | HARDNESS | 2340B | 3100 | mg/l | | y | 83 | 1 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ALUMINUM, TOTAL | 6010B | 0.14 | mg/l | | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ANTIMONY, TOTAL | 6020A | 0.00059 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ARSENIC, TOTAL | 6020A | 0.0145 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CALCIUM, TOTAL | 6010B | 150 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CHROMIUM, TOTAL | 6020A | 0.0058 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | COBALT, TOTAL | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | COPPER, TOTAL | 6020A | 0.0036 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | IRON, TOTAL | 6010B | 0.32 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | LEAD, TOTAL | 6020A | 0.00027 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MAGNESIUM, TOTAL | 6010B | 640 | mg/l | | y | 5 | 0.28 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MANGANESE, TOTAL | 6010B | 0.002 | mg/l | J | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MOLYBDENUM, TOTAL | 6020A | 0.00153 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | NICKEL, TOTAL | 6020A | 0.004 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | POTASSIUM, TOTAL | 6010B | 370 | mg/l | | y | 120 | 2.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SELENIUM, TOTAL | 6020A | 0.04 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SODIUM, TOTAL | 6010B | 6000 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | VANADIUM, TOTAL | 6020A | 0.0107 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ZINC, TOTAL | 6020A | 0.0151 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ANTIMONY, DISSOLVED | 6020A | 0.0016 | mg/l | | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ARSENIC, DISSOLVED | 6020A | 0.0068 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BARIUM, DISSOLVED | 6010B | 0.04 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CALCIUM, DISSOLVED | 6010B | 130 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CHROMIUM, DISSOLVED | 6020A | 0.0029 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | COBALT, DISSOLVED | 6020A | 0.00074 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | COPPER, DISSOLVED | 6020A | 0.0031 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | IRON, DISSOLVED | 6010B | 0.42 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | LEAD, DISSOLVED | 6020A | 0.0002 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MAGNESIUM, DISSOLVED | 6010B | 540 | mg/l | | y | 5 | 0.28 | 50 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MANGANESE, DISSOLVED | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | MOLYBDENUM, DISSOLVED | 6020A | 0.0062 | mg/l | | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | NICKEL, DISSOLVED | 6020A | 0.0036 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | POTASSIUM, DISSOLVED | 6010B | 320 | mg/l | | y | 120 | 2.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SELENIUM, DISSOLVED | 6020A | 0.034 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SILVER, DISSOLVED | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | SODIUM, DISSOLVED | 6010B | 5100 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | THALLIUM, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | VANADIUM, DISSOLVED | 6020A | 0.0163 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ZINC, DISSOLVED | 6020A | 0.0114 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 1,2,4-TRICHLOROBENZENE | 8270C | 3 | ug/l | U | n | 12 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | HEXACHLOROBENZENE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BIS(2-CHLOROETHYL)ETHER | 8270C | 3.1 | ug/l | U | n | 12 | 3.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 1,2-DICHLOROBENZENE | 8270C | 2.6 | ug/l | U | n | 12 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 1,3-DICHLOROBENZENE | 8270C | 2.4 | ug/l | U | n | 12 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 1,4-DICHLOROBENZENE | 8270C | 2.2 | ug/l | U | n | 12 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 3,3'-DICHLOROBENZIDINE | 8270C | 5.9 | ug/l | U | n | 120 | 5.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 14 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,6-DINITROTOLUENE | 8270C | 2.2 | ug/l | U | n | 12 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 2.2 | ug/l | U | n | 12 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 2.3 | ug/l | U | n | 12 | 2.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 5.1 | ug/l | U | n | 12 | 5.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | HEXACHLOROBUTADIENE | 8270C | 4.9 | ug/l | U | n | 23 | 4.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | HEXACHLOROETHANE | 8270C | 2.2 | ug/l | U | n | 12 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ISOPHORONE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | NITROBENZENE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 9.8 | ug/l | U | n | 35 | 9.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | N-NITROSODI-N-PROPYLAMINE | 8270C | 3.8 | ug/l | U | n | 12 | 3.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 3.8 | ug/l | U | n | 23 | 3.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BUTYL BENZYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 12 | 1.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DI-N-BUTYLPHTHALATE | 8270C | 1.2 | ug/l | U | n | 12 | 1.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DI-N-OCTYLPHTHALATE | 8270C | 1.2 | ug/l | U | n | 12 | 1.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DIETHYL PHTHALATE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DIMETHYL PHTHALATE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4-CHLOROANILINE | 8270C | 3.3 | ug/l | UJ | n | 12 | 3.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-NITROANILINE | 8270C | 2.6 | ug/l | U | n | 12 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 3-NITROANILINE | 8270C | 2.6 | ug/l | U | n | 12 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4-NITROANILINE | 8270C | 3 | ug/l | U | n | 16 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DIBENZOFURAN | 8270C | 2.1 | ug/l | U | n | 12 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4,6-TRICHLOROPHENOL | 8270C | 2.8 | ug/l | U | n | 12 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | P-CHLORO-M-CRESOL | 8270C | 3.5 | ug/l | U | n | 12 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-CHLOROPHENOL | 8270C | 4.2 | ug/l | U | n | 14 | 4.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4-DICHLOROPHENOL | 8270C | 4.9 | ug/l | U | n | 23 | 4.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4-DIMETHYLPHENOL | 8270C | 7.1 | ug/l | U | n | 23 | 7.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-NITROPHENOL | 8270C | 5.4 | ug/l | U | n | 46 | 5.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4-NITROPHENOL | 8270C | 3.8 | ug/l | U | n | 23 | 3.8 | 2 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4-DINITROPHENOL | 8270C | 2.4 | ug/l | U | n | 46 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 4,6-DINITRO-O-CRESOL | 8270C | 3.3 | ug/l | U | n | 46 | 3.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | PENTACHLOROPHENOL | 8270C | 3.6 | ug/l | U | n | 46 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | PHENOL | 8270C | 2.8 | ug/l | U | n | 16 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-METHYLPHENOL | 8270C | 3.5 | ug/l | U | n | 14 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 3.7 | ug/l | U | n | 14 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2,4,5-TRICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 12 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZOIC ACID | 8270C | 2.3 | ug/l | U | n | 120 | 2.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CARBAZOLE | 8270C | 3.7 | ug/l | U | n | 12 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ACENAPHTHENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.46 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.46 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | FLUORANTHENE | 8270C-SIM | 0.12 | ug/l | J | y | 0.46 | 0.093 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | NAPHTHALENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.46 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.088 | ug/l | U | n | 0.46 | 0.088 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZO(A)PYRENE | 8270C-SIM | 0.093 | ug/l | U | n | 0.46 | 0.093 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.46 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.084 | ug/l | U | n | 0.46 | 0.084 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | CHRYSENE | 8270C-SIM | 0.079 | ug/l | U | n | 0.46 | 0.079 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ACENAPHTHYLENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.46 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | ANTHRACENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.46 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.58 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | FLUORENE | 8270C-SIM | 0.081 | ug/l | U | n | 0.46 | 0.081 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | PHENANTHRENE | 8270C-SIM | 0.072 | ug/l | U | n | 0.46 | 0.072 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.46 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.079 | ug/l | U | n | 0.46 | 0.079 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | PYRENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.46 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW40DS-04 | 6-Dec-05 | Water | L0514936-01 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.084 | ug/l | U | n | 0.46 | 0.084 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ALKALINITY, TOTAL | 2320B | 41 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SOLIDS, TOTAL DISSOLVED | 2540C | 470 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SOLIDS, TOTAL SUSPENDED | 2540D | 5 | mg/l | U | n | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CHLORIDE | 9251 | 240 | mg/l | | y | 10 | 0.36 | 10 | 12-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SULFATE | 9038 | 23 | mg/l | | y | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CHEMICAL OXYGEN DEMAND | 5220D | 22 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | TOTAL ORGANIC CARBON | 9060 | 1.2 | mg/l | | y | 0.5 | 0.048 | 1 | 19-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | HARDNESS | 2340B | 66 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ALUMINUM, TOTAL | 6010B | 0.052 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ANTIMONY, TOTAL | 6020A | 0.0001 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ARSENIC, TOTAL | 6020A | 0.00089 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BARIUM, TOTAL | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CADMIUM, TOTAL | 6020A | 0.00009 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CALCIUM, TOTAL | 6010B | 18 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CHROMIUM, TOTAL | 6020A | 0.00019 | mg/l | U | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | COBALT, TOTAL | 6020A | 0.0049 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | COPPER, TOTAL | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | IRON, TOTAL | 6010B | 1.7 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | LEAD, TOTAL | 6020A | 0.00067 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MAGNESIUM, TOTAL | 6010B | 4.9 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MANGANESE, TOTAL | 6010B | 0.09 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MOLYBDENUM, TOTAL | 6020A | 0.00017 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | NICKEL, TOTAL | 6020A | 0.00093 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | POTASSIUM, TOTAL | 6010B | 9.9 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SELENIUM, TOTAL | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SODIUM, TOTAL | 6010B | 140 | mg/l | | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | THALLIUM, TOTAL | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | VANADIUM, TOTAL | 6020A | 0.0002 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ZINC, TOTAL | 6020A | 0.0084 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ANTIMONY, DISSOLVED | 6020A | 0.00007 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ARSENIC, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BARIUM, DISSOLVED | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CADMIUM, DISSOLVED | 6020A | 0.00006 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CALCIUM, DISSOLVED | 6010B | 18 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CHROMIUM, DISSOLVED | 6020A | 0.0002 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | COBALT, DISSOLVED | 6020A | 0.005 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | COPPER, DISSOLVED | 6020A | 0.00028 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | IRON, DISSOLVED | 6010B | 1.7 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | LEAD, DISSOLVED | 6020A | 0.00005 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MAGNESIUM, DISSOLVED | 6010B | 5.3 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MANGANESE, DISSOLVED | 6010B | 0.1 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | MOLYBDENUM, DISSOLVED | 6020A | 0.00037 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | NICKEL, DISSOLVED | 6020A | 0.00081 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | POTASSIUM, DISSOLVED | 6010B | 11 | mg/l | U | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SELENIUM, DISSOLVED | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | THALLIUM, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | VANADIUM, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ZINC, DISSOLVED | 6020A | 0.00432 | mg/l | J | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.5 | ug/l | U | n | 5.8 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | HEXACHLOROBENZENE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.5 | ug/l | U | n | 5.8 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 1,2-DICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 1,3-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.8 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 1,4-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 3,3'-DICHLOROBENZIDINE | 8270C | 3 | ug/l | U | n | 58 | 3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4-DINITROTOLUENE | 8270C | 0.56 | ug/l | U | n | 7 | 0.56 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,6-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.2 | ug/l | U | n | 5.8 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.5 | ug/l | U | n | 5.8 | 2.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | HEXACHLOROBUTADIENE | 8270C | 2.4 | ug/l | U | n | 12 | 2.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | HEXACHLOROETHANE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ISOPHORONE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | NITROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.9 | ug/l | U | n | 17 | 4.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.9 | ug/l | U | n | 12 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BUTYL BENZYL PHTHALATE | 8270C | 0.78 | ug/l | U | n | 5.8 | 0.78 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DI-N-BUTYLPHTHALATE | 8270C | 0.58 | ug/l | U | n | 5.8 | 0.58 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DI-N-OCTYLPHTHALATE | 8270C | 0.63 | ug/l | U | n | 5.8 | 0.63 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DIETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DIMETHYL PHTHALATE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4-CHLOROANILINE | 8270C | 1.7 | ug/l | UJ | n | 5.8 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 3-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4-NITROANILINE | 8270C | 1.5 | ug/l | U | n | 8.1 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DIBENZOFURAN | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.4 | ug/l | U | n | 5.8 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | P-CHLORO-M-CRESOL | 8270C | 1.7 | ug/l | U | n | 5.8 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-CHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 7 | 2.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4-DICHLOROPHENOL | 8270C | 2.4 | ug/l | U | n | 12 | 2.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4-DIMETHYLPHENOL | 8270C | 3.6 | ug/l | U | n | 12 | 3.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-NITROPHENOL | 8270C | 2.7 | ug/l | U | n | 23 | 2.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4-NITROPHENOL | 8270C | 1.9 | ug/l | U | n | 12 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4-DINITROPHENOL | 8270C | 1.2 | ug/l | U | n | 23 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 4,6-DINITRO-O-CRESOL | 8270C | 1.7 | ug/l | U | n | 23 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | PENTACHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 23 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | PHENOL | 8270C | 1.4 | ug/l | U | n | 8.1 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-METHYLPHENOL | 8270C | 1.8 | ug/l | U | n | 7 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.9 | ug/l | U | n | 7 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2,4,5-TRICHLOROPHENOL | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZOIC ACID | 8270C | 1.2 | ug/l | U | n | 58 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CARBAZOLE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ACENAPHTHENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.23 | 0.051 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.063 | ug/l | U | n | 0.23 | 0.063 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | FLUORANTHENE | 8270C-SIM | 0.083 | ug/l | J | y | 0.23 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | NAPHTHALENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.23 | 0.058 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.23 | 0.044 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZO(A)PYRENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.23 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.23 | 0.058 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.23 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | CHRYSENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.23 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ACENAPHTHYLENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.23 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | ANTHRACENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.23 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.29 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | FLUORENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.23 | 0.041 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | PHENANTHRENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.23 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.063 | ug/l | U | n | 0.23 | 0.063 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.23 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | PYRENE | 8270C-SIM | 0.084 | ug/l | J | y | 0.23 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-02 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.23 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4-DIMETHYLPHENOL | 8270C | 3.4 | ug/l | UJ | n | 11 | 3.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-NITROPHENOL | 8270C | 2.6 | ug/l | U | n | 22 | 2.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4-NITROPHENOL | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4-DINITROPHENOL | 8270C | 1.2 | ug/l | U | n | 22 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4,6-DINITRO-O-CRESOL | 8270C | 1.6 | ug/l | U | n | 22 | 1.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | PENTACHLOROPHENOL | 8270C | 1.7 | ug/l | U | n | 22 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | PHENOL | 8270C | 1.3 | ug/l | U | n | 7.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-METHYLPHENOL | 8270C | 1.7 | ug/l | U | n | 6.7 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.8 | ug/l | U | n | 6.7 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4,5-TRICHLOROPHENOL | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZOIC ACID | 8270C | 1.1 | ug/l | U | n | 56 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CARBAZOLE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ACENAPHTHENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.22 | 0.049 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.06 | ug/l | U | n | 0.22 | 0.06 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | FLUORANTHENE | 8270C-SIM | 0.081 | ug/l | J | y | 0.22 | 0.044 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | NAPHTHALENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.22 | 0.056 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.22 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZO(A)PYRENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.22 | 0.044 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.22 | 0.056 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.22 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CHRYSENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.22 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ACENAPHTHYLENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.22 | 0.051 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ANTHRACENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.28 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | FLUORENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | PHENANTHRENE | 8270C-SIM | 0.034 | ug/l | U | n | 0.22 | 0.034 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.06 | ug/l | U | n | 0.22 | 0.06 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.053 | ug/l | J | y | 0.22 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | PYRENE | 8270C-SIM | 0.082 | ug/l | J | y | 0.22 | 0.051 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.22 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ALKALINITY, TOTAL | 2320B | 42 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SOLIDS, TOTAL DISSOLVED | 2540C | 480 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SOLIDS, TOTAL SUSPENDED | 2540D | 5 | mg/l | U | n | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CHLORIDE | 9251 | 250 | mg/l | | y | 10 | 0.36 | 10 | 12-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SULFATE | 9038 | 23 | mg/l | | y | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CHEMICAL OXYGEN DEMAND | 5220D | 13 | mg/l | J | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | TOTAL ORGANIC CARBON | 9060 | 1.2 | mg/l | | y | 0.5 | 0.048 | 1 | 19-Dec-05 | 1-Dec-00 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | HARDNESS | 2340B | 68 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ALUMINUM, TOTAL | 6010B | 0.053 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ANTIMONY, TOTAL | 6020A | 0.0001 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ARSENIC, TOTAL | 6020A | 0.00094 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BARIUM, TOTAL | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CADMIUM, TOTAL | 6020A | 0.0001 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CALCIUM, TOTAL | 6010B | 19 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CHROMIUM, TOTAL | 6020A | 0.00016 | mg/l | U | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | COBALT, TOTAL | 6020A | 0.005 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | COPPER, TOTAL | 6020A | 0.00078 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | IRON, TOTAL | 6010B | 1.8 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | LEAD, TOTAL | 6020A | 0.00048 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MAGNESIUM, TOTAL | 6010B | 5.1 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MANGANESE, TOTAL | 6010B | 0.1 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |

| Field Sample Name | Sample Date | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MOLYBDENUM, TOTAL | 6020A | 0.00017 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | NICKEL, TOTAL | 6020A | 0.00087 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | POTASSIUM, TOTAL | 6010B | 10 | mg/l | J | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SELENIUM, TOTAL | 6020A | 0.0004 | mg/l | U | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SODIUM, TOTAL | 6010B | 160 | mg/l | | y | 10 | 0.38 | 5 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | VANADIUM, TOTAL | 6020A | 0.00013 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ZINC, TOTAL | 6020A | 0.0077 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ANTIMONY, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ARSENIC, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BARIUM, DISSOLVED | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CADMIUM, DISSOLVED | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CALCIUM, DISSOLVED | 6010B | 19 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | CHROMIUM, DISSOLVED | 6020A | 0.00014 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | COBALT, DISSOLVED | 6020A | 0.0052 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | COPPER, DISSOLVED | 6020A | 0.00026 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | IRON, DISSOLVED | 6010B | 1.8 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | LEAD, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MAGNESIUM, DISSOLVED | 6010B | 5.4 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MANGANESE, DISSOLVED | 6010B | 0.1 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | MOLYBDENUM, DISSOLVED | 6020A | 0.00019 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | NICKEL, DISSOLVED | 6020A | 0.00082 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | POTASSIUM, DISSOLVED | 6010B | 11 | mg/l | U | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | SODIUM, DISSOLVED | 6010B | 160 | mg/l | | y | 10 | 0.38 | 5 | 13-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | VANADIUM, DISSOLVED | 6020A | 0.00012 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ZINC, DISSOLVED | 6020A | 0.00412 | mg/l | J | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | U | n | 5.6 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | HEXACHLOROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.5 | ug/l | U | n | 5.6 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 1,3-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 1,4-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.8 | ug/l | U | n | 56 | 2.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4-DINITROTOLUENE | 8270C | 0.53 | ug/l | U | n | 6.7 | 0.53 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,6-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.4 | ug/l | U | n | 5.6 | 2.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | HEXACHLOROBUTADIENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | HEXACHLOROETHANE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | ISOPHORONE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | NITROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.7 | ug/l | U | n | 17 | 4.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | BUTYL BENZYL PHTHALATE | 8270C | 0.74 | ug/l | U | n | 5.6 | 0.74 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DI-N-BUTYLPHTHALATE | 8270C | 0.56 | ug/l | U | n | 5.6 | 0.56 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DI-N-OCTYLPHTHALATE | 8270C | 0.6 | ug/l | U | n | 5.6 | 0.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DIETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DIMETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4-CHLOROANILINE | 8270C | 1.6 | ug/l | UJ | n | 5.6 | 1.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.8 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | DIBENZOFURAN | 8270C | 1 | ug/l | U | n | 5.6 | 1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.6 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.6 | 1.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2-CHLOROPHENOL | 8270C | 2 | ug/l | U | n | 6.7 | 2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 2-GW1D | 7-Dec-05 | Water | L0514936-03 | 2,4-DICHLOROPHENOL | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ALKALINITY, TOTAL | 2320B | 27 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SOLIDS, TOTAL DISSOLVED | 2540C | 120 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SOLIDS, TOTAL SUSPENDED | 2540D | 5 | mg/l | U | n | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CHLORIDE | 9251 | 29 | mg/l | | y | 1 | 0.36 | 1 | 12-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SULFATE | 9038 | 27 | mg/l | | y | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CHEMICAL OXYGEN DEMAND | 5220D | 10 | mg/l | J | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | TOTAL ORGANIC CARBON | 9060 | 1.6 | mg/l | | y | 0.5 | 0.048 | 1 | 19-Dec-05 | 1-Dec-00 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | HARDNESS | 2340B | 41 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ALUMINUM, TOTAL | 6010B | 0.024 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ANTIMONY, TOTAL | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ARSENIC, TOTAL | 6020A | 0.00009 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BARIUM, TOTAL | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CADMIUM, TOTAL | 6020A | 0.0001 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CALCIUM, TOTAL | 6010B | 13 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CHROMIUM, TOTAL | 6020A | 0.00019 | mg/l | U | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | COBALT, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | COPPER, TOTAL | 6020A | 0.00064 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | IRON, TOTAL | 6010B | 0.0099 | mg/l | U | n | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | LEAD, TOTAL | 6020A | 0.00006 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MAGNESIUM, TOTAL | 6010B | 1.9 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MANGANESE, TOTAL | 6010B | 0.004 | mg/l | J | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MOLYBDENUM, TOTAL | 6020A | 0.00003 | mg/l | U | n | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | NICKEL, TOTAL | 6020A | 0.00066 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | POTASSIUM, TOTAL | 6010B | 2.9 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SELENIUM, TOTAL | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SODIUM, TOTAL | 6010B | 26 | mg/l | | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | THALLIUM, TOTAL | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | VANADIUM, TOTAL | 6020A | 0.0002 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ZINC, TOTAL | 6020A | 0.00392 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ALUMINUM, DISSOLVED | 6010B | 0.007 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ANTIMONY, DISSOLVED | 6020A | 0.00007 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ARSENIC, DISSOLVED | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BARIUM, DISSOLVED | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CADMIUM, DISSOLVED | 6020A | 0.00009 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CALCIUM, DISSOLVED | 6010B | 14 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CHROMIUM, DISSOLVED | 6020A | 0.00021 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | COBALT, DISSOLVED | 6020A | 0.0001 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | COPPER, DISSOLVED | 6020A | 0.00067 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | IRON, DISSOLVED | 6010B | 0.0099 | mg/l | U | n | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | LEAD, DISSOLVED | 6020A | 0.00029 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MAGNESIUM, DISSOLVED | 6010B | 1.9 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MANGANESE, DISSOLVED | 6010B | 0.004 | mg/l | J | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | MOLYBDENUM, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | NICKEL, DISSOLVED | 6020A | 0.00079 | mg/l | J | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | POTASSIUM, DISSOLVED | 6010B | 3 | mg/l | U | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SELENIUM, DISSOLVED | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | SODIUM, DISSOLVED | 6010B | 27 | mg/l | U | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | THALLIUM, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | VANADIUM, DISSOLVED | 6020A | 0.00024 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ZINC, DISSOLVED | 6020A | 0.00405 | mg/l | J | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.5 | ug/l | U | n | 5.8 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | HEXACHLOROBENZENE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.5 | ug/l | U | n | 5.8 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 1,2-DICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 1,3-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.8 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 1,4-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 3,3'-DICHLOROBENZIDINE | 8270C | 3 | ug/l | U | n | 58 | 3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4-DINITROTOLUENE | 8270C | 0.56 | ug/l | U | n | 7 | 0.56 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,6-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.2 | ug/l | U | n | 5.8 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.5 | ug/l | U | n | 5.8 | 2.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | HEXACHLOROBUTADIENE | 8270C | 2.4 | ug/l | U | n | 12 | 2.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | HEXACHLOROETHANE | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ISOPHORONE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | NITROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.9 | ug/l | U | n | 17 | 4.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.9 | ug/l | U | n | 12 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BUTYL BENZYL PHTHALATE | 8270C | 0.78 | ug/l | U | n | 5.8 | 0.78 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DI-N-BUTYLPHTHALATE | 8270C | 0.58 | ug/l | U | n | 5.8 | 0.58 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DI-N-OCTYLPHTHALATE | 8270C | 0.63 | ug/l | U | n | 5.8 | 0.63 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DIETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.8 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DIMETHYL PHTHALATE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4-CHLOROANILINE | 8270C | 1.7 | ug/l | UJ | n | 5.8 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 3-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 5.8 | 1.3 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4-NITROANILINE | 8270C | 1.5 | ug/l | U | n | 8.1 | 1.5 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DIBENZOFURAN | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.4 | ug/l | U | n | 5.8 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | P-CHLORO-M-CRESOL | 8270C | 1.7 | ug/l | U | n | 5.8 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-CHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 7 | 2.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4-DICHLOROPHENOL | 8270C | 2.4 | ug/l | U | n | 12 | 2.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4-DIMETHYLPHENOL | 8270C | 3.6 | ug/l | U | n | 12 | 3.6 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-NITROPHENOL | 8270C | 2.7 | ug/l | U | n | 23 | 2.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4-NITROPHENOL | 8270C | 1.9 | ug/l | U | n | 12 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4-DINITROPHENOL | 8270C | 1.2 | ug/l | U | n | 23 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 4,6-DINITRO-O-CRESOL | 8270C | 1.7 | ug/l | U | n | 23 | 1.7 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | PENTACHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 23 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | PHENOL | 8270C | 1.4 | ug/l | U | n | 8.1 | 1.4 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-METHYLPHENOL | 8270C | 1.8 | ug/l | U | n | 7 | 1.8 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.9 | ug/l | U | n | 7 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2,4,5-TRICHLOROPHENOL | 8270C | 1.1 | ug/l | U | n | 5.8 | 1.1 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZOIC ACID | 8270C | 1.2 | ug/l | U | n | 58 | 1.2 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CARBAZOLE | 8270C | 1.9 | ug/l | U | n | 5.8 | 1.9 | 1 | 14-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ACENAPHTHENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.23 | 0.051 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.063 | ug/l | U | n | 0.23 | 0.063 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | FLUORANTHENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.23 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | NAPHTHALENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.23 | 0.058 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.23 | 0.044 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZO(A)PYRENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.23 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.23 | 0.058 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.23 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | CHRYSENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.23 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ACENAPHTHYLENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.23 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | ANTHRACENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.23 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.29 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | FLUORENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.23 | 0.041 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | PHENANTHRENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.23 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.063 | ug/l | U | n | 0.23 | 0.063 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.23 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | PYRENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.23 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 4-GW1S-04 | 6-Dec-05 | Water | L0514936-04 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.23 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ALKALINITY, TOTAL | 2320B | 1800 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SOLIDS, TOTAL DISSOLVED | 2540C | 19000 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SOLIDS, TOTAL SUSPENDED | 2540D | 6.9 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CHLORIDE | 9251 | 11000 | mg/l | | y | 200 | 0.36 | 200 | 12-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SULFATE | 9038 | 160 | mg/l | | y | 50 | 7.1 | 5 | 13-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CHEMICAL OXYGEN DEMAND | 5220D | 600 | mg/l | | y | 80 | 22 | 4 | 15-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | TOTAL ORGANIC CARBON | 9060 | 29 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | HARDNESS | 2340B | 3400 | mg/l | | y | 83 | 1 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ALUMINUM, TOTAL | 6010B | 0.1 | mg/l | | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ANTIMONY, TOTAL | 6020A | 0.00045 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ARSENIC, TOTAL | 6020A | 0.0109 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BARIUM, TOTAL | 6010B | 0.08 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CALCIUM, TOTAL | 6010B | 225 | mg/l | ZZZ | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CALCIUM, TOTAL | 6010B | 230 | mg/l | | y | 5 | 0.29 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CHROMIUM, TOTAL | 6020A | 0.0059 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | COBALT, TOTAL | 6020A | 0.0012 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | COPPER, TOTAL | 6020A | 0.0035 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | IRON, TOTAL | 6010B | 0.83 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | LEAD, TOTAL | 6020A | 0.00024 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MAGNESIUM, TOTAL | 6010B | 670 | mg/l | | y | 5 | 0.28 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MANGANESE, TOTAL | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MOLYBDENUM, TOTAL | 6020A | 0.00039 | mg/l | J | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | NICKEL, TOTAL | 6020A | 0.0052 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | POTASSIUM, TOTAL | 6010B | 340 | mg/l | | y | 120 | 2.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SELENIUM, TOTAL | 6020A | 0.043 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SILVER, TOTAL | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SODIUM, TOTAL | 6010B | 5800 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | VANADIUM, TOTAL | 6020A | 0.0053 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ZINC, TOTAL | 6020A | 0.0378 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ANTIMONY, DISSOLVED | 6020A | 0.00044 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ARSENIC, DISSOLVED | 6020A | 0.0115 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BARIUM, DISSOLVED | 6010B | 0.1 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CALCIUM, DISSOLVED | 6010B | 225 | mg/l | ZZZ | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CALCIUM, DISSOLVED | 6010B | 310 | mg/l | | y | 10 | 0.58 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CHROMIUM, DISSOLVED | 6020A | 0.0063 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | COBALT, DISSOLVED | 6020A | 0.0014 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | COPPER, DISSOLVED | 6020A | 0.0047 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | IRON, DISSOLVED | 6010B | 0.033 | mg/l | J | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | LEAD, DISSOLVED | 6020A | 0.00012 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MAGNESIUM, DISSOLVED | 6010B | 960 | mg/l | | y | 10 | 0.56 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MANGANESE, DISSOLVED | 6010B | 0.004 | mg/l | J | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | MOLYBDENUM, DISSOLVED | 6020A | 0.00063 | mg/l | J | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | NICKEL, DISSOLVED | 6020A | 0.0058 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | POTASSIUM, DISSOLVED | 6010B | 430 | mg/l | | y | 250 | 5.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SELENIUM, DISSOLVED | 6020A | 0.067 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SILVER, DISSOLVED | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | SODIUM, DISSOLVED | 6010B | 8100 | mg/l | | y | 200 | 7.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | THALLIUM, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | VANADIUM, DISSOLVED | 6020A | 0.0061 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ZINC, DISSOLVED | 6020A | 0.017 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 1,2,4-TRICHLOROBENZENE | 8270C | 2.9 | ug/l | U | n | 11 | 2.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | HEXACHLOROBENZENE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BIS(2-CHLOROETHYL)ETHER | 8270C | 3 | ug/l | U | n | 11 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 1,2-DICHLOROBENZENE | 8270C | 2.5 | ug/l | U | n | 11 | 2.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 1,3-DICHLOROBENZENE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 1,4-DICHLOROBENZENE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 3,3'-DICHLOROBENZIDINE | 8270C | 5.8 | ug/l | U | n | 110 | 5.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 14 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,6-DINITROTOLUENE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 5 | ug/l | U | n | 11 | 5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | HEXACHLOROBUTADIENE | 8270C | 4.8 | ug/l | U | n | 23 | 4.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | HEXACHLOROETHANE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ISOPHORONE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | NITROBENZENE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 9.6 | ug/l | U | n | 34 | 9.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | N-NITROSODI-N-PROPYLAMINE | 8270C | 3.7 | ug/l | U | n | 11 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 3.8 | ug/l | U | n | 23 | 3.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BUTYL BENZYL PHTHALATE | 8270C | 1.5 | ug/l | U | n | 11 | 1.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DI-N-BUTYLPHTHALATE | 8270C | 1.1 | ug/l | U | n | 11 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DI-N-OCTYLPHTHALATE | 8270C | 1.2 | ug/l | U | n | 11 | 1.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DIETHYL PHTHALATE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DIMETHYL PHTHALATE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4-CHLOROANILINE | 8270C | 3.2 | ug/l | UJ | n | 11 | 3.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-NITROANILINE | 8270C | 2.5 | ug/l | U | n | 11 | 2.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 3-NITROANILINE | 8270C | 2.5 | ug/l | U | n | 11 | 2.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4-NITROANILINE | 8270C | 3 | ug/l | U | n | 16 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DIBENZOFURAN | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4,6-TRICHLOROPHENOL | 8270C | 2.8 | ug/l | U | n | 11 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | P-CHLORO-M-CRESOL | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-CHLOROPHENOL | 8270C | 4.1 | ug/l | U | n | 14 | 4.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4-DICHLOROPHENOL | 8270C | 4.8 | ug/l | U | n | 23 | 4.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4-DIMETHYLPHENOL | 8270C | 7 | ug/l | U | n | 23 | 7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-NITROPHENOL | 8270C | 5.3 | ug/l | U | n | 45 | 5.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4-NITROPHENOL | 8270C | 3.7 | ug/l | U | n | 23 | 3.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4-DINITROPHENOL | 8270C | 2.4 | ug/l | U | n | 45 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 4,6-DINITRO-O-CRESOL | 8270C | 3.2 | ug/l | U | n | 45 | 3.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | PENTACHLOROPHENOL | 8270C | 3.5 | ug/l | U | n | 45 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | PHENOL | 8270C | 2.7 | ug/l | U | n | 16 | 2.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-METHYLPHENOL | 8270C | 3.4 | ug/l | U | n | 14 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 3.6 | ug/l | U | n | 14 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2,4,5-TRICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZOIC ACID | 8270C | 2.2 | ug/l | U | n | 110 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CARBAZOLE | 8270C | 3.6 | ug/l | U | n | 11 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ACENAPHTHENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.45 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.45 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | FLUORANTHENE | 8270C-SIM | 0.091 | ug/l | U | n | 0.45 | 0.091 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | NAPHTHALENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.45 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.086 | ug/l | U | n | 0.45 | 0.086 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZO(A)PYRENE | 8270C-SIM | 0.091 | ug/l | U | n | 0.45 | 0.091 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.45 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.082 | ug/l | U | n | 0.45 | 0.082 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | CHRYSENE | 8270C-SIM | 0.077 | ug/l | U | n | 0.45 | 0.077 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ACENAPHTHYLENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.45 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | ANTHRACENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.45 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.57 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | FLUORENE | 8270C-SIM | 0.08 | ug/l | U | n | 0.45 | 0.08 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | PHENANTHRENE | 8270C-SIM | 0.07 | ug/l | U | n | 0.45 | 0.07 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.45 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.077 | ug/l | U | n | 0.45 | 0.077 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | PYRENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.45 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW43DS-04 | 7-Dec-05 | Water | L0514936-05 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.082 | ug/l | U | n | 0.45 | 0.082 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MANGANESE, DISSOLVED | 6010B | 0.18 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MOLYBDENUM, DISSOLVED | 6020A | 0.00029 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | NICKEL, DISSOLVED | 6020A | 0.0042 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | POTASSIUM, DISSOLVED | 6010B | 210 | mg/l | | y | 50 | 1.1 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SELENIUM, DISSOLVED | 6020A | 0.024 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SODIUM, DISSOLVED | 6010B | 3300 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | VANADIUM, DISSOLVED | 6020A | 0.0031 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ZINC, DISSOLVED | 6020A | 0.0081 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 1,2,4-TRICHLOROBENZENE | 8270C | 2.8 | ug/l | U | n | 11 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | HEXACHLOROBENZENE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BIS(2-CHLOROETHYL)ETHER | 8270C | 2.9 | ug/l | U | n | 11 | 2.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 1,2-DICHLOROBENZENE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 1,3-DICHLOROBENZENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 1,4-DICHLOROBENZENE | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 3,3'-DICHLOROBENZIDINE | 8270C | 5.5 | ug/l | U | n | 110 | 5.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 13 | 1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,6-DINITROTOLUENE | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 4.8 | ug/l | U | n | 11 | 4.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | HEXACHLOROBUTADIENE | 8270C | 4.6 | ug/l | U | n | 22 | 4.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | HEXACHLOROETHANE | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ISOPHORONE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | NITROBENZENE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 9.2 | ug/l | U | n | 33 | 9.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | N-NITROSODI-N-PROPYLAMINE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 3.6 | ug/l | U | n | 22 | 3.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BUTYL BENZYL PHTHALATE | 8270C | 1.4 | ug/l | U | n | 11 | 1.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DI-N-BUTYLPHTHALATE | 8270C | 1.1 | ug/l | U | n | 11 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DI-N-OCTYLPHTHALATE | 8270C | 1.2 | ug/l | U | n | 11 | 1.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DIETHYL PHTHALATE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DIMETHYL PHTHALATE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4-CHLOROANILINE | 8270C | 3.1 | ug/l | UJ | n | 11 | 3.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-NITROANILINE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 3-NITROANILINE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4-NITROANILINE | 8270C | 2.8 | ug/l | U | n | 15 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DIBENZOFURAN | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4,6-TRICHLOROPHENOL | 8270C | 2.6 | ug/l | U | n | 11 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | P-CHLORO-M-CRESOL | 8270C | 3.2 | ug/l | U | n | 11 | 3.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-CHLOROPHENOL | 8270C | 3.9 | ug/l | U | n | 13 | 3.9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4-DICHLOROPHENOL | 8270C | 4.6 | ug/l | U | n | 22 | 4.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4-DIMETHYLPHENOL | 8270C | 6.7 | ug/l | U | n | 22 | 6.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-NITROPHENOL | 8270C | 5.1 | ug/l | U | n | 43 | 5.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4-NITROPHENOL | 8270C | 3.5 | ug/l | U | n | 22 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4-DINITROPHENOL | 8270C | 2.3 | ug/l | U | n | 43 | 2.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 4,6-DINITRO-O-CRESOL | 8270C | 3.1 | ug/l | U | n | 43 | 3.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | PENTACHLOROPHENOL | 8270C | 3.4 | ug/l | U | n | 43 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | PHENOL | 8270C | 2.6 | ug/l | U | n | 15 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-METHYLPHENOL | 8270C | 3.3 | ug/l | U | n | 13 | 3.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 3.5 | ug/l | U | n | 13 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2,4,5-TRICHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZOIC ACID | 8270C | 2.2 | ug/l | U | n | 110 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CARBAZOLE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ACENAPHTHENE | 8270C-SIM | 0.096 | ug/l | U | n | 0.43 | 0.096 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.43 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | FLUORANTHENE | 8270C-SIM | 0.087 | ug/l | U | n | 0.43 | 0.087 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | NAPHTHALENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.43 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.083 | ug/l | U | n | 0.43 | 0.083 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZO(A)PYRENE | 8270C-SIM | 0.087 | ug/l | U | n | 0.43 | 0.087 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.43 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.078 | ug/l | U | n | 0.43 | 0.078 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CHRYSENE | 8270C-SIM | 0.074 | ug/l | U | n | 0.43 | 0.074 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ACENAPHTHYLENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.43 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ANTHRACENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.43 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.54 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | FLUORENE | 8270C-SIM | 0.076 | ug/l | U | n | 0.43 | 0.076 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | PHENANTHRENE | 8270C-SIM | 0.067 | ug/l | U | n | 0.43 | 0.067 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.12 | ug/l | U | n | 0.43 | 0.12 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.074 | ug/l | U | n | 0.43 | 0.074 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | PYRENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.43 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.078 | ug/l | U | n | 0.43 | 0.078 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ALKALINITY, TOTAL | 2320B | 910 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SOLIDS, TOTAL DISSOLVED | 2540C | 8100 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SOLIDS, TOTAL SUSPENDED | 2540D | 14 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CHLORIDE | 9251 | 4700 | mg/l | | y | 100 | 0.36 | 100 | 12-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SULFATE | 9038 | 62 | mg/l | | y | 25 | 3.6 | 2.5 | 13-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CHEMICAL OXYGEN DEMAND | 5220D | 290 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | TOTAL ORGANIC CARBON | 9060 | 21 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | HARDNESS | 2340B | 1400 | mg/l | | y | 33 | 0.42 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ALUMINUM, TOTAL | 6010B | 0.094 | mg/l | J | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ANTIMONY, TOTAL | 6020A | 0.00069 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ARSENIC, TOTAL | 6020A | 0.0053 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CALCIUM, TOTAL | 6010B | 120 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CHROMIUM, TOTAL | 6020A | 0.0049 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | COBALT, TOTAL | 6020A | 0.00088 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | COPPER, TOTAL | 6020A | 0.0018 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | IRON, TOTAL | 6010B | 3.7 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | LEAD, TOTAL | 6020A | 0.00027 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MAGNESIUM, TOTAL | 6010B | 270 | mg/l | | y | 2 | 0.11 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MANGANESE, TOTAL | 6010B | 0.27 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MOLYBDENUM, TOTAL | 6020A | 0.00021 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | NICKEL, TOTAL | 6020A | 0.007 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | POTASSIUM, TOTAL | 6010B | 170 | mg/l | | y | 50 | 1.1 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SELENIUM, TOTAL | 6020A | 0.019 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | SODIUM, TOTAL | 6010B | 2500 | mg/l | | y | 40 | 1.5 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | VANADIUM, TOTAL | 6020A | 0.0027 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ZINC, TOTAL | 6020A | 0.0092 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ANTIMONY, DISSOLVED | 6020A | 0.00054 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | ARSENIC, DISSOLVED | 6020A | 0.0059 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BARIUM, DISSOLVED | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CALCIUM, DISSOLVED | 6010B | 130 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | CHROMIUM, DISSOLVED | 6020A | 0.0045 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | COBALT, DISSOLVED | 6020A | 0.00082 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | COPPER, DISSOLVED | 6020A | 0.0018 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | IRON, DISSOLVED | 6010B | 0.034 | mg/l | J | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | LEAD, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-06 | MAGNESIUM, DISSOLVED | 6010B | 340 | mg/l | | y | 2 | 0.11 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ALKALINITY, TOTAL | 2320B | 1100 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SOLIDS, TOTAL DISSOLVED | 2540C | 11000 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SOLIDS, TOTAL SUSPENDED | 2540D | 20 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CHLORIDE | 9251 | 6300 | mg/l | | y | 100 | 0.36 | 100 | 12-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SULFATE | 9038 | 1.4 | mg/l | U | n | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CHEMICAL OXYGEN DEMAND | 5220D | 760 | mg/l | | y | 80 | 22 | 4 | 15-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | TOTAL ORGANIC CARBON | 9060 | 22 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | HARDNESS | 2340B | 2900 | mg/l | | y | 83 | 1 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ALUMINUM, TOTAL | 6010B | 0.16 | mg/l | | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ANTIMONY, TOTAL | 6020A | 0.00018 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ARSENIC, TOTAL | 6020A | 0.0057 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BARIUM, TOTAL | 6010B | 0.06 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CALCIUM, TOTAL | 6010B | 160 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CHROMIUM, TOTAL | 6020A | 0.012 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | COBALT, TOTAL | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | COPPER, TOTAL | 6020A | 0.0042 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | IRON, TOTAL | 6010B | 4.6 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | LEAD, TOTAL | 6020A | 0.00038 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MAGNESIUM, TOTAL | 6010B | 580 | mg/l | | y | 5 | 0.28 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MANGANESE, TOTAL | 6010B | 0.01 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MOLYBDENUM, TOTAL | 6020A | 0.00033 | mg/l | J | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | NICKEL, TOTAL | 6020A | 0.0056 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | POTASSIUM, TOTAL | 6010B | 310 | mg/l | | y | 120 | 2.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SELENIUM, TOTAL | 6020A | 0.04 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SODIUM, TOTAL | 6010B | 5500 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | VANADIUM, TOTAL | 6020A | 0.0048 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ZINC, TOTAL | 6020A | 0.0824 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ANTIMONY, DISSOLVED | 6020A | 0.00013 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ARSENIC, DISSOLVED | 6020A | 0.0062 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BARIUM, DISSOLVED | 6010B | 0.06 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CALCIUM, DISSOLVED | 6010B | 150 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CHROMIUM, DISSOLVED | 6020A | 0.0036 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | COBALT, DISSOLVED | 6020A | 0.00085 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | COPPER, DISSOLVED | 6020A | 0.0027 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | IRON, DISSOLVED | 6010B | 0.0099 | mg/l | U | n | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | LEAD, DISSOLVED | 6020A | 0.0001 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MAGNESIUM, DISSOLVED | 6010B | 540 | mg/l | | y | 5 | 0.28 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MANGANESE, DISSOLVED | 6010B | 0.002 | mg/l | J | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | MOLYBDENUM, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | NICKEL, DISSOLVED | 6020A | 0.0035 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | POTASSIUM, DISSOLVED | 6010B | 290 | mg/l | | y | 120 | 2.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SELENIUM, DISSOLVED | 6020A | 0.04 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | SODIUM, DISSOLVED | 6010B | 5100 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | VANADIUM, DISSOLVED | 6020A | 0.00394 | mg/l | J | y | 0.005 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ZINC, DISSOLVED | 6020A | 0.0145 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 1,2,4-TRICHLOROBENZENE | 8270C | 2.7 | ug/l | U | n | 11 | 2.7 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | HEXACHLOROBENZENE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BIS(2-CHLOROETHYL)ETHER | 8270C | 2.8 | ug/l | U | n | 11 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 1,2-DICHLOROBENZENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 1,3-DICHLOROBENZENE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 1,4-DICHLOROBENZENE | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 3,3'-DICHLOROBENZIDINE | 8270C | 5.4 | ug/l | U | n | 110 | 5.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 13 | 1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,6-DINITROTOLUENE | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 4.6 | ug/l | U | n | 11 | 4.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | HEXACHLOROBUTADIENE | 8270C | 4.5 | ug/l | U | n | 21 | 4.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | HEXACHLOROETHANE | 8270C | 2.1 | ug/l | U | n | 11 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ISOPHORONE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | NITROBENZENE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 9 | ug/l | U | n | 32 | 9 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | N-NITROSODI-N-PROPYLAMINE | 8270C | 3.5 | ug/l | U | n | 11 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 3.5 | ug/l | U | n | 21 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BUTYL BENZYL PHTHALATE | 8270C | 1.4 | ug/l | U | n | 11 | 1.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DI-N-BUTYLPHTHALATE | 8270C | 1.1 | ug/l | U | n | 11 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DI-N-OCTYLPHTHALATE | 8270C | 1.1 | ug/l | U | n | 11 | 1.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DIETHYL PHTHALATE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DIMETHYL PHTHALATE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4-CHLOROANILINE | 8270C | 3 | ug/l | UJ | n | 11 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-NITROANILINE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 3-NITROANILINE | 8270C | 2.4 | ug/l | U | n | 11 | 2.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4-NITROANILINE | 8270C | 2.8 | ug/l | U | n | 15 | 2.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DIBENZOFURAN | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4,6-TRICHLOROPHENOL | 8270C | 2.6 | ug/l | U | n | 11 | 2.6 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | P-CHLORO-M-CRESOL | 8270C | 3.2 | ug/l | U | n | 11 | 3.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-CHLOROPHENOL | 8270C | 3.8 | ug/l | U | n | 13 | 3.8 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4-DICHLOROPHENOL | 8270C | 4.5 | ug/l | U | n | 21 | 4.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4-DIMETHYLPHENOL | 8270C | 6.5 | ug/l | U | n | 21 | 6.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-NITROPHENOL | 8270C | 5 | ug/l | U | n | 42 | 5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4-NITROPHENOL | 8270C | 3.5 | ug/l | U | n | 21 | 3.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4-DINITROPHENOL | 8270C | 2.2 | ug/l | U | n | 42 | 2.2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 4,6-DINITRO-O-CRESOL | 8270C | 3 | ug/l | U | n | 42 | 3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | PENTACHLOROPHENOL | 8270C | 3.3 | ug/l | U | n | 42 | 3.3 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | PHENOL | 8270C | 2.5 | ug/l | U | n | 15 | 2.5 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-METHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 13 | 3.2 | 2 | 14-Dec-05 | 13-Dec-05 |

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 3.4 | ug/l | U | n | 13 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2,4,5-TRICHLOROPHENOL | 8270C | 2 | ug/l | U | n | 11 | 2 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZOIC ACID | 8270C | 2.1 | ug/l | U | n | 110 | 2.1 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CARBAZOLE | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 2 | 14-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ACENAPHTHENE | 8270C-SIM | 0.094 | ug/l | U | n | 0.42 | 0.094 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | FLUORANTHENE | 8270C-SIM | 0.085 | ug/l | U | n | 0.42 | 0.085 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | NAPHTHALENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.081 | ug/l | U | n | 0.42 | 0.081 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZO(A)PYRENE | 8270C-SIM | 0.085 | ug/l | U | n | 0.42 | 0.085 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.076 | ug/l | U | n | 0.42 | 0.076 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | CHRYSENE | 8270C-SIM | 0.072 | ug/l | U | n | 0.42 | 0.072 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ACENAPHTHYLENE | 8270C-SIM | 0.098 | ug/l | U | n | 0.42 | 0.098 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | ANTHRACENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.42 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.53 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | FLUORENE | 8270C-SIM | 0.074 | ug/l | U | n | 0.42 | 0.074 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | PHENANTHRENE | 8270C-SIM | 0.066 | ug/l | U | n | 0.42 | 0.066 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.072 | ug/l | U | n | 0.42 | 0.072 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | PYRENE | 8270C-SIM | 0.098 | ug/l | U | n | 0.42 | 0.098 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW44DS-04 | 7-Dec-05 | Water | L0514936-07 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.076 | ug/l | U | n | 0.42 | 0.076 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ALKALINITY, TOTAL | 2320B | 1400 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SOLIDS, TOTAL DISSOLVED | 2540C | 15000 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SOLIDS, TOTAL SUSPENDED | 2540D | 220 | mg/l | | y | 10 | | 2 | 13-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CHLORIDE | 9251 | 8700 | mg/l | | y | 100 | 0.36 | 100 | 12-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SULFATE | 9038 | 140 | mg/l | | y | 50 | 7.1 | 5 | 13-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CHEMICAL OXYGEN DEMAND | 5220D | 270 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | TOTAL ORGANIC CARBON | 9060 | 20 | mg/l | | y | 5 | 0.48 | 10 | 19-Dec-05 | 1-Dec-00 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | HARDNESS | 2340B | 1500 | mg/l | | y | 33 | 0.42 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ALUMINUM, TOTAL | 6010B | 0.12 | mg/l | | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ANTIMONY, TOTAL | 6020A | 0.00069 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ARSENIC, TOTAL | 6020A | 0.0049 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CALCIUM, TOTAL | 6010B | 120 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CHROMIUM, TOTAL | 6020A | 0.0049 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | COBALT, TOTAL | 6020A | 0.00089 | mg/l | U | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | COPPER, TOTAL | 6020A | 0.0021 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | IRON, TOTAL | 6010B | 4.3 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | LEAD, TOTAL | 6020A | 0.00038 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MAGNESIUM, TOTAL | 6010B | 280 | mg/l | | y | 2 | 0.11 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MANGANESE, TOTAL | 6010B | 0.28 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MOLYBDENUM, TOTAL | 6020A | 0.00019 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | NICKEL, TOTAL | 6020A | 0.0073 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | POTASSIUM, TOTAL | 6010B | 170 | mg/l | | y | 50 | 1.1 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SELENIUM, TOTAL | 6020A | 0.02 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SODIUM, TOTAL | 6010B | 2600 | mg/l | | y | 40 | 1.5 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | VANADIUM, TOTAL | 6020A | 0.0028 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ZINC, TOTAL | 6020A | 0.0101 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ALUMINUM, DISSOLVED | 6010B | 0.012 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ANTIMONY, DISSOLVED | 6020A | 0.00053 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ARSENIC, DISSOLVED | 6020A | 0.0061 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BARIUM, DISSOLVED | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CALCIUM, DISSOLVED | 6010B | 120 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CHROMIUM, DISSOLVED | 6020A | 0.0043 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | COBALT, DISSOLVED | 6020A | 0.00081 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | COPPER, DISSOLVED | 6020A | 0.0018 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | IRON, DISSOLVED | 6010B | 0.022 | mg/l | J | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | LEAD, DISSOLVED | 6020A | 0.00009 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MAGNESIUM, DISSOLVED | 6010B | 310 | mg/l | | y | 2 | 0.11 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MANGANESE, DISSOLVED | 6010B | 0.19 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | MOLYBDENUM, DISSOLVED | 6020A | 0.00026 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | NICKEL, DISSOLVED | 6020A | 0.0043 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | POTASSIUM, DISSOLVED | 6010B | 190 | mg/l | | y | 50 | 1.1 | 20 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SELENIUM, DISSOLVED | 6020A | 0.023 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | SODIUM, DISSOLVED | 6010B | 3100 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | VANADIUM, DISSOLVED | 6020A | 0.0027 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ZINC, DISSOLVED | 6020A | 0.0065 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 1,2,4-TRICHLOROBENZENE | 8270C | 2.7 | ug/l | U | n | 10 | 2.7 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | HEXACHLOROBENZENE | 8270C | 3.4 | ug/l | U | n | 10 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BIS(2-CHLOROETHYL)ETHER | 8270C | 2.8 | ug/l | U | n | 10 | 2.8 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 1,2-DICHLOROBENZENE | 8270C | 2.3 | ug/l | U | n | 10 | 2.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 1,3-DICHLOROBENZENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 1,4-DICHLOROBENZENE | 8270C | 2 | ug/l | U | n | 10 | 2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 3,3'-DICHLOROBENZIDINE | 8270C | 5.4 | ug/l | U | n | 100 | 5.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 13 | 1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,6-DINITROTOLUENE | 8270C | 2 | ug/l | U | n | 10 | 2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 2 | ug/l | U | n | 10 | 2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 2.1 | ug/l | U | n | 10 | 2.1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 4.6 | ug/l | U | n | 10 | 4.6 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 3.3 | ug/l | U | n | 10 | 3.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | HEXACHLOROBUTADIENE | 8270C | 4.4 | ug/l | U | n | 21 | 4.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | HEXACHLOROETHANE | 8270C | 2 | ug/l | U | n | 10 | 2 | 2 | 15-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ISOPHORONE | 8270C | 3.4 | ug/l | U | n | 10 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | NITROBENZENE | 8270C | 3.3 | ug/l | U | n | 10 | 3.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 8.9 | ug/l | U | n | 32 | 8.9 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | N-NITROSODI-N-PROPYLAMINE | 8270C | 3.4 | ug/l | U | n | 10 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 3.5 | ug/l | U | n | 21 | 3.5 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BUTYL BENZYL PHTHALATE | 8270C | 1.4 | ug/l | U | n | 10 | 1.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DI-N-BUTYLPHTHALATE | 8270C | 1 | ug/l | U | n | 10 | 1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DI-N-OCTYLPHTHALATE | 8270C | 1.1 | ug/l | U | n | 10 | 1.1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DIETHYL PHTHALATE | 8270C | 3.3 | ug/l | U | n | 10 | 3.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DIMETHYL PHTHALATE | 8270C | 3.4 | ug/l | U | n | 10 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4-CHLOROANILINE | 8270C | 3 | ug/l | UJ | n | 10 | 3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-NITROANILINE | 8270C | 2.3 | ug/l | U | n | 10 | 2.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 3-NITROANILINE | 8270C | 2.3 | ug/l | U | n | 10 | 2.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4-NITROANILINE | 8270C | 2.7 | ug/l | U | n | 15 | 2.7 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DIBENZOFURAN | 8270C | 1.9 | ug/l | U | n | 10 | 1.9 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4,6-TRICHLOROPHENOL | 8270C | 2.5 | ug/l | U | n | 10 | 2.5 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | P-CHLORO-M-CRESOL | 8270C | 3.1 | ug/l | U | n | 10 | 3.1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-CHLOROPHENOL | 8270C | 3.8 | ug/l | U | n | 13 | 3.8 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4-DICHLOROPHENOL | 8270C | 4.4 | ug/l | U | n | 21 | 4.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4-DIMETHYLPHENOL | 8270C | 6.5 | ug/l | U | n | 21 | 6.5 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-NITROPHENOL | 8270C | 4.9 | ug/l | U | n | 42 | 4.9 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4-NITROPHENOL | 8270C | 3.4 | ug/l | U | n | 21 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4-DINITROPHENOL | 8270C | 2.2 | ug/l | U | n | 42 | 2.2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 4,6-DINITRO-O-CRESOL | 8270C | 3 | ug/l | U | n | 42 | 3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | PENTACHLOROPHENOL | 8270C | 3.3 | ug/l | U | n | 42 | 3.3 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | PHENOL | 8270C | 2.5 | ug/l | U | n | 15 | 2.5 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-METHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 13 | 3.2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 3.4 | ug/l | U | n | 13 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2,4,5-TRICHLOROPHENOL | 8270C | 2 | ug/l | U | n | 10 | 2 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZOIC ACID | 8270C | 2.1 | ug/l | U | n | 100 | 2.1 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CARBAZOLE | 8270C | 3.4 | ug/l | U | n | 10 | 3.4 | 2 | 15-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ACENAPHTHENE | 8270C-SIM | 0.33 | ug/l | J | y | 0.42 | 0.093 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | FLUORANTHENE | 8270C-SIM | 0.084 | ug/l | U | n | 0.42 | 0.084 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | NAPHTHALENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.42 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.08 | ug/l | U | n | 0.42 | 0.08 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZO(A)PYRENE | 8270C-SIM | 0.084 | ug/l | U | n | 0.42 | 0.084 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.42 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.076 | ug/l | U | n | 0.42 | 0.076 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | CHRYSENE | 8270C-SIM | 0.072 | ug/l | U | n | 0.42 | 0.072 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ACENAPHTHYLENE | 8270C-SIM | 0.097 | ug/l | U | n | 0.42 | 0.097 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | ANTHRACENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.42 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.1 | ug/l | U | n | 0.53 | 0.1 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | FLUORENE | 8270C-SIM | 0.13 | ug/l | J | y | 0.42 | 0.074 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | PHENANTHRENE | 8270C-SIM | 0.065 | ug/l | U | n | 0.42 | 0.065 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.11 | ug/l | U | n | 0.42 | 0.11 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.072 | ug/l | U | n | 0.42 | 0.072 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | PYRENE | 8270C-SIM | 0.097 | ug/l | U | n | 0.42 | 0.097 | 2 | 18-Dec-05 | 13-Dec-05 |
| 2-GW42DS-04 | 7-Dec-05 | Water | L0514936-08 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.076 | ug/l | U | n | 0.42 | 0.076 | 2 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ALKALINITY, TOTAL | 2320B | 190 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SOLIDS, TOTAL DISSOLVED | 2540C | 1500 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SOLIDS, TOTAL SUSPENDED | 2540D | 7.6 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CHLORIDE | 9251 | 780 | mg/l | | y | 10 | 0.36 | 10 | 12-Dec-05 | 1-Dec-00 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SULFATE | 9038 | 69 | mg/l | | y | 25 | 3.6 | 2.5 | 13-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CHEMICAL OXYGEN DEMAND | 5220D | 47 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | TOTAL ORGANIC CARBON | 9060 | 4.6 | mg/l | | y | 2 | 0.19 | 4 | 19-Dec-05 | 1-Dec-00 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | HARDNESS | 2340B | 310 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ALUMINUM, TOTAL | 6010B | 0.035 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ANTIMONY, TOTAL | 6020A | 0.000022 | mg/l | U | n | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ARSENIC, TOTAL | 6020A | 0.0011 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BARIUM, TOTAL | 6010B | 0.08 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CADMIUM, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CALCIUM, TOTAL | 6010B | 51 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CHROMIUM, TOTAL | 6020A | 0.0002 | mg/l | U | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | COBALT, TOTAL | 6020A | 0.0103 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | COPPER, TOTAL | 6020A | 0.00075 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | IRON, TOTAL | 6010B | 12 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | LEAD, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MAGNESIUM, TOTAL | 6010B | 44 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MANGANESE, TOTAL | 6010B | 5 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MOLYBDENUM, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | NICKEL, TOTAL | 6020A | 0.0032 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | POTASSIUM, TOTAL | 6010B | 27 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SELENIUM, TOTAL | 6020A | 0.004 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SODIUM, TOTAL | 6010B | 450 | mg/l | | y | 40 | 1.5 | 20 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | VANADIUM, TOTAL | 6020A | 0.00031 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ZINC, TOTAL | 6020A | 0.0048 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ALUMINUM, DISSOLVED | 6010B | 0.014 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ANTIMONY, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ARSENIC, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BARIUM, DISSOLVED | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CADMIUM, DISSOLVED | 6020A | 0.00009 | mg/l | U | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CALCIUM, DISSOLVED | 6010B | 49 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CHROMIUM, DISSOLVED | 6020A | 0.00017 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | COBALT, DISSOLVED | 6020A | 0.0101 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | COPPER, DISSOLVED | 6020A | 0.00052 | mg/l | J | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | IRON, DISSOLVED | 6010B | 9.7 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | LEAD, DISSOLVED | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MAGNESIUM, DISSOLVED | 6010B | 42 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MANGANESE, DISSOLVED | 6010B | 4.8 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | MOLYBDENUM, DISSOLVED | 6020A | 0.00011 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | NICKEL, DISSOLVED | 6020A | 0.003 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | POTASSIUM, DISSOLVED | 6010B | 26 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SELENIUM, DISSOLVED | 6020A | 0.004 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | SODIUM, DISSOLVED | 6010B | 430 | mg/l | | y | 40 | 1.5 | 20 | 13-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | VANADIUM, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ZINC, DISSOLVED | 6020A | 0.00386 | mg/l | J | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.3 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.3 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.3 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.7 | ug/l | U | n | 53 | 2.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4-DINITROTOLUENE | 8270C | 0.5 | ug/l | U | n | 6.3 | 0.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.3 | ug/l | U | n | 5.3 | 2.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ISOPHORONE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | NITROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.4 | ug/l | U | n | 16 | 4.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BUTYL BENZYL PHTHALATE | 8270C | 0.7 | ug/l | U | n | 5.3 | 0.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DI-N-BUTYLPHTHALATE | 8270C | 0.53 | ug/l | U | n | 5.3 | 0.53 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DI-N-OCTYLPHTHALATE | 8270C | 0.57 | ug/l | U | n | 5.3 | 0.57 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DIMETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.3 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.4 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DIBENZOFURAN | 8270C | 0.97 | ug/l | U | n | 5.3 | 0.97 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.3 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.3 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | U | n | 6.3 | 1.9 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4-DIMETHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 10 | 3.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | U | n | 21 | 2.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.4 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.3 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.7 | ug/l | U | n | 6.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZOIC ACID | 8270C | 1 | ug/l | U | n | 53 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CARBAZOLE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ACENAPHTHENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.21 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.21 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | FLUORANTHENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.21 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | NAPHTHALENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.21 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.21 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZO(A)PYRENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.21 | 0.042 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.21 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.21 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | CHRYSENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ACENAPHTHYLENE | 8270C-SIM | 0.048 | ug/l | U | n | 0.21 | 0.048 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | ANTHRACENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.26 | 0.052 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | FLUORENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | PHENANTHRENE | 8270C-SIM | 0.033 | ug/l | U | n | 0.21 | 0.033 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.21 | 0.057 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | PYRENE | 8270C-SIM | 0.048 | ug/l | U | n | 0.21 | 0.048 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW12D-04 | 6-Dec-05 | Water | L0514936-09 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.21 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ALKALINITY, TOTAL | 2320B | 160 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SOLIDS, TOTAL DISSOLVED | 2540C | 1100 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SOLIDS, TOTAL SUSPENDED | 2540D | 5 | mg/l | U | n | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CHLORIDE | 9251 | 600 | mg/l | | y | 10 | 0.36 | 10 | 12-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SULFATE | 9038 | 21 | mg/l | | y | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CHEMICAL OXYGEN DEMAND | 5220D | 38 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | TOTAL ORGANIC CARBON | 9060 | 3.7 | mg/l | | y | 2 | 0.19 | 4 | 19-Dec-05 | 1-Dec-00 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | HARDNESS | 2340B | 230 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ALUMINUM, TOTAL | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ANTIMONY, TOTAL | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ARSENIC, TOTAL | 6020A | 0.00054 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BARIUM, TOTAL | 6010B | 0.17 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CADMIUM, TOTAL | 6020A | 0.00016 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CALCIUM, TOTAL | 6010B | 40 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CHROMIUM, TOTAL | 6020A | 0.00046 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | COBALT, TOTAL | 6020A | 0.0055 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | COPPER, TOTAL | 6020A | 0.0019 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | IRON, TOTAL | 6010B | 0.94 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | LEAD, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MAGNESIUM, TOTAL | 6010B | 32 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MANGANESE, TOTAL | 6010B | 3.9 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MOLYBDENUM, TOTAL | 6020A | 0.00174 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | NICKEL, TOTAL | 6020A | 0.0011 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | POTASSIUM, TOTAL | 6010B | 18 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SELENIUM, TOTAL | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SODIUM, TOTAL | 6010B | 360 | mg/l | | y | 10 | 0.38 | 5 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | THALLIUM, TOTAL | 6020A | 0.0004 | mg/l | J | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | VANADIUM, TOTAL | 6020A | 0.00012 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ZINC, TOTAL | 6020A | 0.0053 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ALUMINUM, DISSOLVED | 6010B | 0.016 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ANTIMONY, DISSOLVED | 6020A | 0.00005 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ARSENIC, DISSOLVED | 6020A | 0.00056 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BARIUM, DISSOLVED | 6010B | 0.16 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CADMIUM, DISSOLVED | 6020A | 0.00015 | mg/l | J | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CALCIUM, DISSOLVED | 6010B | 37 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CHROMIUM, DISSOLVED | 6020A | 0.00043 | mg/l | J | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | COBALT, DISSOLVED | 6020A | 0.006 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | COPPER, DISSOLVED | 6020A | 0.0019 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | IRON, DISSOLVED | 6010B | 0.69 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | LEAD, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MAGNESIUM, DISSOLVED | 6010B | 29 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MANGANESE, DISSOLVED | 6010B | 3.6 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | MOLYBDENUM, DISSOLVED | 6020A | 0.00179 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | NICKEL, DISSOLVED | 6020A | 0.0014 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | POTASSIUM, DISSOLVED | 6010B | 17 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SELENIUM, DISSOLVED | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | SODIUM, DISSOLVED | 6010B | 320 | mg/l | | y | 10 | 0.38 | 5 | 13-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | THALLIUM, DISSOLVED | 6020A | 0.0004 | mg/l | J | y | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | VANADIUM, DISSOLVED | 6020A | 0.00015 | mg/l | U | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ZINC, DISSOLVED | 6020A | 0.0064 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.2 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.2 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 1,4-DICHLOROBENZENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 52 | 2.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4-DINITROTOLUENE | 8270C | 0.49 | ug/l | U | n | 6.2 | 0.49 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,6-DINITROTOLUENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5.2 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.4 | ug/l | U | n | 15 | 4.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.2 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BUTYL BENZYL PHTHALATE | 8270C | 0.69 | ug/l | U | n | 5.2 | 0.69 | 1 | 15-Dec-05 | 13-Dec-05 |

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DI-N-BUTYLPHTHALATE | 8270C | 0.52 | ug/l | U | n | 5.2 | 0.52 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DI-N-OCTYLPHTHALATE | 8270C | 0.56 | ug/l | U | n | 5.2 | 0.56 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.2 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.2 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DIBENZOFURAN | 8270C | 0.95 | ug/l | U | n | 5.2 | 0.95 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5.2 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5.2 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.2 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4-DIMETHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 10 | 3.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 21 | 2.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.2 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZOIC ACID | 8270C | 1 | ug/l | U | n | 52 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ACENAPHTHENE | 8270C-SIM | 0.045 | ug/l | U | n | 0.21 | 0.045 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.21 | 0.056 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | FLUORANTHENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.21 | 0.041 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | NAPHTHALENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.21 | 0.039 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZO(A)PYRENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.21 | 0.041 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | CHRYSENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.21 | 0.035 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ACENAPHTHYLENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.21 | 0.047 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | ANTHRACENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.21 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.26 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | FLUORENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | PHENANTHRENE | 8270C-SIM | 0.032 | ug/l | U | n | 0.21 | 0.032 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.21 | 0.056 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.21 | 0.035 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | PYRENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.21 | 0.047 | 1 | 18-Dec-05 | 13-Dec-05 |
| 3-GW37S-04 | 6-Dec-05 | Water | L0514936-10 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DIBENZOFURAN | 8270C | 0.93 | ug/l | U | n | 5 | 0.93 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.1 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4-DICHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 10 | 2.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4-DIMETHYLPHENOL | 8270C | 3.1 | ug/l | U | n | 10 | 3.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 20 | 2.4 | 1 | 15-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4-NITROPHENOL | 8270C | 1.6 | ug/l | U | n | 10 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4-DINITROPHENOL | 8270C | 1 | ug/l | U | n | 20 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4,6-DINITRO-O-CRESOL | 8270C | 1.4 | ug/l | U | n | 20 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 20 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.1 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-METHYLPHENOL | 8270C | 1.5 | ug/l | U | n | 6.1 | 1.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.6 | ug/l | U | n | 6.1 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.97 | ug/l | U | n | 5 | 0.97 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZOIC ACID | 8270C | 1 | ug/l | U | n | 50 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ACENAPHTHENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.2 | 0.044 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.2 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | FLUORANTHENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.2 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | NAPHTHALENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.2 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.2 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZO(A)PYRENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.2 | 0.04 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.2 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.2 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CHRYSENE | 8270C-SIM | 0.034 | ug/l | U | n | 0.2 | 0.034 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ACENAPHTHYLENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.2 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ANTHRACENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.2 | 0.049 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.25 | 0.049 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | FLUORENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.2 | 0.035 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | PHENANTHRENE | 8270C-SIM | 0.031 | ug/l | U | n | 0.2 | 0.031 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.2 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.034 | ug/l | U | n | 0.2 | 0.034 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | PYRENE | 8270C-SIM | 0.046 | ug/l | U | n | 0.2 | 0.046 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.2 | 0.036 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ALKALINITY, TOTAL | 2320B | 2200 | mg CaCO3/L | | y | 5 | 1 | 2.5 | 13-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SOLIDS, TOTAL DISSOLVED | 2540C | 26000 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SOLIDS, TOTAL SUSPENDED | 2540D | 48 | mg/l | | y | 5 | | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CHLORIDE | 9251 | 16000 | mg/l | | y | 200 | 0.36 | 200 | 12-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SULFATE | 9038 | 370 | mg/l | | y | 120 | 18 | 12.5 | 13-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CHEMICAL OXYGEN DEMAND | 5220D | 1100 | mg/l | | y | 80 | 22 | 4 | 15-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | TOTAL ORGANIC CARBON | 9060 | 37 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | HARDNESS | 2340B | 1500 | mg/l | ZZZ | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | HARDNESS | 2340B | 5000 | mg/l | | y | 170 | 2.1 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ALUMINUM, TOTAL | 6010B | 0.27 | mg/l | | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ANTIMONY, TOTAL | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ARSENIC, TOTAL | 6020A | 0.0152 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BARIUM, TOTAL | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CALCIUM, TOTAL | 6010B | 225 | mg/l | ZZZ | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CALCIUM, TOTAL | 6010B | 310 | mg/l | | y | 10 | 0.58 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CHROMIUM, TOTAL | 6020A | 0.009 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | COBALT, TOTAL | 6020A | 0.0014 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | COPPER, TOTAL | 6020A | 0.0056 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | IRON, TOTAL | 6010B | 1.4 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | LEAD, TOTAL | 6020A | 0.00053 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MAGNESIUM, TOTAL | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MAGNESIUM, TOTAL | 6010B | 1000 | mg/l | | y | 10 | 0.56 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MANGANESE, TOTAL | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MOLYBDENUM, TOTAL | 6020A | 0.00056 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | NICKEL, TOTAL | 6020A | 0.0074 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | POTASSIUM, TOTAL | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | POTASSIUM, TOTAL | 6010B | 400 | mg/l | | y | 250 | 5.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SELENIUM, TOTAL | 6020A | 0.061 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SILVER, TOTAL | 6020A | 0.00006 | mg/l | U | y | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SODIUM, TOTAL | 6010B | 8200 | mg/l | | y | 200 | 7.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | VANADIUM, TOTAL | 6020A | 0.0053 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ZINC, TOTAL | 6020A | 0.0273 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ALUMINUM, DISSOLVED | 6010B | 0.0065 | mg/l | U | n | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ANTIMONY, DISSOLVED | 6020A | 0.00088 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ARSENIC, DISSOLVED | 6020A | 0.016 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BARIUM, DISSOLVED | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CALCIUM, DISSOLVED | 6010B | 225 | mg/l | ZZZ | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CALCIUM, DISSOLVED | 6010B | 300 | mg/l | | y | 10 | 0.58 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | CHROMIUM, DISSOLVED | 6020A | 0.0077 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | COBALT, DISSOLVED | 6020A | 0.0012 | mg/l | | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | COPPER, DISSOLVED | 6020A | 0.0046 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | IRON, DISSOLVED | 6010B | 0.034 | mg/l | J | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | LEAD, DISSOLVED | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MAGNESIUM, DISSOLVED | 6010B | 250 | mg/l | ZZZ | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MAGNESIUM, DISSOLVED | 6010B | 1000 | mg/l | | y | 10 | 0.56 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MANGANESE, DISSOLVED | 6010B | 0.01 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | MOLYBDENUM, DISSOLVED | 6020A | 0.00024 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | NICKEL, DISSOLVED | 6020A | 0.006 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | ZZZ | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | POTASSIUM, DISSOLVED | 6010B | 380 | mg/l | | y | 250 | 5.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SELENIUM, DISSOLVED | 6020A | 0.058 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | SODIUM, DISSOLVED | 6010B | 8100 | mg/l | | y | 200 | 7.6 | 100 | 13-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | VANADIUM, DISSOLVED | 6020A | 0.0046 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ZINC, DISSOLVED | 6020A | 0.0164 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.3 | ug/l | U | n | 5 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 1,4-DICHLOROBENZENE | 8270C | 0.97 | ug/l | U | n | 5 | 0.97 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 50 | 2.6 | 1 | 15-Dec-05 | 13-Dec-05 |

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,4-DINITROTOLUENE | 8270C | 0.48 | ug/l | U | n | 6.1 | 0.48 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2,6-DINITROTOLUENE | 8270C | 0.97 | ug/l | U | n | 5 | 0.97 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 0.97 | ug/l | U | n | 5 | 0.97 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5 | 2.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | HEXACHLOROBUTADIENE | 8270C | 2.1 | ug/l | U | n | 10 | 2.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | HEXACHLOROETHANE | 8270C | 0.98 | ug/l | U | n | 5 | 0.98 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.3 | ug/l | U | n | 15 | 4.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | BUTYL BENZYL PHTHALATE | 8270C | 0.68 | ug/l | U | n | 5 | 0.68 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DI-N-BUTYLPHTHALATE | 8270C | 0.5 | ug/l | U | n | 5 | 0.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DI-N-OCTYLPHTHALATE | 8270C | 0.54 | ug/l | U | n | 5 | 0.54 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4-CHLOROANILINE | 8270C | 1.4 | ug/l | UJ | n | 5 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW46DS-04 | 8-Dec-05 | Water | L0514936-12 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.1 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ALKALINITY, TOTAL | 2320B | 600 | mg CaCO3/L | | y | 2 | 0.4 | 1 | 13-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SOLIDS, TOTAL DISSOLVED | 2540C | 5500 | mg/l | | y | 10 | 2.8 | 1 | 12-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SOLIDS, TOTAL SUSPENDED | 2540D | 63 | mg/l | | y | 10 | | 2 | 13-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CHLORIDE | 9251 | 3200 | mg/l | | y | 100 | 0.36 | 100 | 12-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SULFATE | 9038 | 12 | mg/l | | y | 10 | 1.4 | 1 | 13-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CHEMICAL OXYGEN DEMAND | 5220D | 170 | mg/l | | y | 20 | 5.5 | 1 | 15-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | TOTAL ORGANIC CARBON | 9060 | 28 | mg/l | | y | 10 | 0.96 | 20 | 19-Dec-05 | 1-Dec-00 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | HARDNESS | 2340B | 690 | mg/l | | y | 1.7 | 0.021 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ALUMINUM, TOTAL | 6010B | 0.065 | mg/l | J | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ANTIMONY, TOTAL | 6020A | 0.00028 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ARSENIC, TOTAL | 6020A | 0.0045 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BARIUM, TOTAL | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CADMIUM, TOTAL | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CALCIUM, TOTAL | 6010B | 46 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CHROMIUM, TOTAL | 6020A | 0.0054 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | COBALT, TOTAL | 6020A | 0.00052 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | COPPER, TOTAL | 6020A | 0.0017 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | IRON, TOTAL | 6010B | 32 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | LEAD, TOTAL | 6020A | 0.00041 | mg/l | J | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MAGNESIUM, TOTAL | 6010B | 140 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MANGANESE, TOTAL | 6010B | 0.31 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MOLYBDENUM, TOTAL | 6020A | 0.00062 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | NICKEL, TOTAL | 6020A | 0.0013 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | POTASSIUM, TOTAL | 6010B | 89 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SELENIUM, TOTAL | 6020A | 0.009 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SODIUM, TOTAL | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SODIUM, TOTAL | 6010B | 1400 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | VANADIUM, TOTAL | 6020A | 0.005 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ZINC, TOTAL | 6020A | 0.00436 | mg/l | U | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ALUMINUM, DISSOLVED | 6010B | 0.031 | mg/l | U | y | 0.1 | 0.0065 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ANTIMONY, DISSOLVED | 6020A | 0.00023 | mg/l | J | y | 0.001 | 0.000022 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ARSENIC, DISSOLVED | 6020A | 0.0045 | mg/l | | y | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BARIUM, DISSOLVED | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.001 | 0.000034 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CALCIUM, DISSOLVED | 6010B | 56 | mg/l | | y | 0.1 | 0.0058 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CHROMIUM, DISSOLVED | 6020A | 0.0057 | mg/l | | y | 0.001 | 0.000031 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | COBALT, DISSOLVED | 6020A | 0.00053 | mg/l | J | y | 0.001 | 0.000017 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | COPPER, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000172 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | IRON, DISSOLVED | 6010B | 20 | mg/l | | y | 0.05 | 0.0099 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | LEAD, DISSOLVED | 6020A | 0.00021 | mg/l | U | y | 0.001 | 0.000028 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MAGNESIUM, DISSOLVED | 6010B | 180 | mg/l | | y | 0.1 | 0.0056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MANGANESE, DISSOLVED | 6010B | 0.27 | mg/l | | y | 0.01 | 0.0002 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 | 13-Dec-05 | 12-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | MOLYBDENUM, DISSOLVED | 6020A | 0.00044 | mg/l | U | y | 0.002 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | NICKEL, DISSOLVED | 6020A | 0.0015 | mg/l | | y | 0.001 | 0.000024 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | POTASSIUM, DISSOLVED | 6010B | 100 | mg/l | | y | 2.5 | 0.056 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SELENIUM, DISSOLVED | 6020A | 0.013 | mg/l | | y | 0.001 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SODIUM, DISSOLVED | 6010B | 150 | mg/l | ZZZ | y | 2 | 0.076 | 1 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | SODIUM, DISSOLVED | 6010B | 1700 | mg/l | | y | 100 | 3.8 | 50 | 13-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | VANADIUM, DISSOLVED | 6020A | 0.005 | mg/l | | y | 0.001 | 0.00003 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ZINC, DISSOLVED | 6020A | 0.0071 | mg/l | | y | 0.005 | 0.000298 | 1 | 14-Dec-05 | 9-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | U | n | 5.4 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.4 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.4 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.8 | ug/l | U | n | 54 | 2.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4-DINITROTOLUENE | 8270C | 0.52 | ug/l | U | n | 6.5 | 0.52 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4-CHLOROPHENYL PHENYL ETHE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | U | n | 5.4 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.4 | ug/l | U | n | 5.4 | 2.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | HEXACHLOROBUTADIENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ISOPHORONE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | NITROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | NITROSODIPHENYLAMINE(NDPA) | 8270C | 4.6 | ug/l | U | n | 16 | 4.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.8 | ug/l | U | n | 5.4 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |

Data Summary Table
SDG L0514936

| Field Sample Name | Sample Date Matrix | SampleMatrix | Lab ID | Analyte | Method | Results | Units | Validation Qualifier | Detect Y/N | MRL | MDL | Dilution Factor | Analysis Date | Extraction Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BUTYL BENZYL PHTHALATE | 8270C | 0.73 | ug/l | U | n | 5.4 | 0.73 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DI-N-BUTYLPHTHALATE | 8270C | 0.54 | ug/l | U | n | 5.4 | 0.54 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DI-N-OCTYLPHTHALATE | 8270C | 0.59 | ug/l | U | n | 5.4 | 0.59 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DIMETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.4 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4-CHLOROANILINE | 8270C | 1.6 | ug/l | UJ | n | 5.4 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.6 | 1.4 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DIBENZOFURAN | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.4 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.4 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | U | n | 6.5 | 1.9 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4-DICHLOROPHENOL | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4-DIMETHYLPHENOL | 8270C | 3.3 | ug/l | U | n | 11 | 3.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | U | n | 22 | 2.5 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4-NITROPHENOL | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 22 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 4,6-DINITRO-O-CRESOL | 8270C | 1.6 | ug/l | U | n | 22 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | PENTACHLOROPHENOL | 8270C | 1.7 | ug/l | U | n | 22 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | PHENOL | 8270C | 1.3 | ug/l | U | n | 7.6 | 1.3 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.5 | 1.6 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 3-METHYLPHENOL/4-METHYLPHE | 8270C | 1.7 | ug/l | U | n | 6.5 | 1.7 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZOIC ACID | 8270C | 1.1 | ug/l | U | n | 54 | 1.1 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CARBAZOLE | 8270C | 1.8 | ug/l | U | n | 5.4 | 1.8 | 1 | 15-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ACENAPHTHENE | 8270C-SIM | 0.048 | ug/l | U | n | 0.22 | 0.048 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.059 | ug/l | U | n | 0.22 | 0.059 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | FLUORANTHENE | 8270C-SIM | 0.043 | ug/l | U | n | 0.22 | 0.043 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | NAPHTHALENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.22 | 0.041 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZO(A)PYRENE | 8270C-SIM | 0.043 | ug/l | U | n | 0.22 | 0.043 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | CHRYSENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.22 | 0.037 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ACENAPHTHYLENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.22 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | ANTHRACENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.22 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.27 | 0.053 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | FLUORENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.22 | 0.038 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | PHENANTHRENE | 8270C-SIM | 0.08 | ug/l | J | y | 0.22 | 0.034 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.059 | ug/l | U | n | 0.22 | 0.059 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.22 | 0.037 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | PYRENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.22 | 0.05 | 1 | 18-Dec-05 | 13-Dec-05 |
| 2-GW21S-04 | 8-Dec-05 | Water | L0514936-13 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 | 18-Dec-05 | 13-Dec-05 |

Field Duplicate Table
SDG L0514936

| FieldSampleID | Analyte | Method | Result | Units | Qualifier | Field Duplicate | Result | Units | Qualifier | FD RPD(%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-GW42DS-04 | SULFATE | 9038 | 62 | mg/l | J | 2-GW120705B | 140 | mg/l | J | 77.2 |
| 2-GW42DS-04 | TOTAL ORGANIC CARBON | 9060 | 21 | mg/l | | 2-GW120705B | 20 | mg/l | | 4.9 |
| 2-GW42DS-04 | CHLORIDE | 9251 | 4700 | mg/l | J | 2-GW120705B | 8700 | mg/l | J | 59.7 |
| 2-GW42DS-04 | ALKALINITY, TOTAL | 2320B | 910 | mg CaCO3/L | | 2-GW120705B | 1400 | mg CaCO3/L | | 42.4 |
| 2-GW42DS-04 | HARDNESS | 2340B | 1400 | mg/l | | 2-GW120705B | 1500 | mg/l | | 6.9 |
| 2-GW42DS-04 | SOLIDS, TOTAL DISSOLVED | 2540C | 8100 | mg/l | J | 2-GW120705B | 15000 | mg/l | J | 59.7 |
| 2-GW42DS-04 | SOLIDS, TOTAL SUSPENDED | 2540D | 14 | mg/l | J | 2-GW120705B | 220 | mg/l | J | 176.1 |
| 2-GW42DS-04 | CHEMICAL OXYGEN DEMAND | 5220D | 290 | mg/l | | 2-GW120705B | 270 | mg/l | | 7.1 |
| 2-GW42DS-04 | ALUMINUM, TOTAL | 6010B | 0.094 | mg/l | | 2-GW120705B | 0.12 | mg/l | | 24.3 |
| 2-GW42DS-04 | BARIUM, DISSOLVED | 6010B | 0.05 | mg/l | | 2-GW120705B | 0.05 | mg/l | | 0.0 |
| 2-GW42DS-04 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | 2-GW120705B | 0.05 | mg/l | | 0.0 |
| 2-GW42DS-04 | CALCIUM, DISSOLVED | 6010B | 130 | mg/l | | 2-GW120705B | 120 | mg/l | | 8.0 |
| 2-GW42DS-04 | CALCIUM, TOTAL | 6010B | 120 | mg/l | | 2-GW120705B | 120 | mg/l | | 0.0 |
| 2-GW42DS-04 | IRON, DISSOLVED | 6010B | 0.034 | mg/l | | 2-GW120705B | 0.022 | mg/l | | 42.9 |
| 2-GW42DS-04 | IRON, TOTAL | 6010B | 3.7 | mg/l | | 2-GW120705B | 4.3 | mg/l | | 15.0 |
| 2-GW42DS-04 | MAGNESIUM, DISSOLVED | 6010B | 340 | mg/l | | 2-GW120705B | 310 | mg/l | | 9.2 |
| 2-GW42DS-04 | MAGNESIUM, TOTAL | 6010B | 270 | mg/l | | 2-GW120705B | 280 | mg/l | | 3.6 |
| 2-GW42DS-04 | MANGANESE, DISSOLVED | 6010B | 0.18 | mg/l | | 2-GW120705B | 0.19 | mg/l | | 5.4 |
| 2-GW42DS-04 | MANGANESE, TOTAL | 6010B | 0.27 | mg/l | | 2-GW120705B | 0.28 | mg/l | | 3.6 |
| 2-GW42DS-04 | POTASSIUM, DISSOLVED | 6010B | 210 | mg/l | | 2-GW120705B | 190 | mg/l | | 10.0 |
| 2-GW42DS-04 | POTASSIUM, TOTAL | 6010B | 170 | mg/l | | 2-GW120705B | 170 | mg/l | | 0.0 |
| 2-GW42DS-04 | SODIUM, DISSOLVED | 6010B | 3300 | mg/l | | 2-GW120705B | 3100 | mg/l | | 6.3 |
| 2-GW42DS-04 | SODIUM, TOTAL | 6010B | 2500 | mg/l | | 2-GW120705B | 2600 | mg/l | | 3.9 |
| 2-GW42DS-04 | ANTIMONY, DISSOLVED | 6020A | 0.00054 | mg/l | | 2-GW120705B | 0.00053 | mg/l | | 1.9 |
| 2-GW42DS-04 | ANTIMONY, TOTAL | 6020A | 0.00069 | mg/l | | 2-GW120705B | 0.00069 | mg/l | | 0.0 |
| 2-GW42DS-04 | ARSENIC, DISSOLVED | 6020A | 0.0059 | mg/l | | 2-GW120705B | 0.0061 | mg/l | | 3.3 |
| 2-GW42DS-04 | ARSENIC, TOTAL | 6020A | 0.0053 | mg/l | | 2-GW120705B | 0.0049 | mg/l | | 7.8 |
| 2-GW42DS-04 | CHROMIUM, DISSOLVED | 6020A | 0.0045 | mg/l | | 2-GW120705B | 0.0043 | mg/l | | 4.5 |
| 2-GW42DS-04 | CHROMIUM, TOTAL | 6020A | 0.0049 | mg/l | | 2-GW120705B | 0.0049 | mg/l | | 0.0 |
| 2-GW42DS-04 | COBALT, DISSOLVED | 6020A | 0.00082 | mg/l | | 2-GW120705B | 0.00081 | mg/l | | 1.2 |
| 2-GW42DS-04 | COBALT, TOTAL | 6020A | 0.00088 | mg/l | | 2-GW120705B | 0.00089 | mg/l | | 1.1 |
| 2-GW42DS-04 | COPPER, DISSOLVED | 6020A | 0.0018 | mg/l | | 2-GW120705B | 0.0018 | mg/l | | 0.0 |
| 2-GW42DS-04 | COPPER, TOTAL | 6020A | 0.0018 | mg/l | | 2-GW120705B | 0.0021 | mg/l | | 15.4 |
| 2-GW42DS-04 | LEAD, DISSOLVED | 6020A | 0.00003 | mg/l | J | 2-GW120705B | 0.00009 | mg/l | J | 100.0 |
| 2-GW42DS-04 | LEAD, TOTAL | 6020A | 0.00027 | mg/l | | 2-GW120705B | 0.00038 | mg/l | | 33.8 |
| 2-GW42DS-04 | NICKEL, DISSOLVED | 6020A | 0.0042 | mg/l | | 2-GW120705B | 0.0043 | mg/l | | 2.4 |
| 2-GW42DS-04 | NICKEL, TOTAL | 6020A | 0.007 | mg/l | | 2-GW120705B | 0.0073 | mg/l | | 4.2 |
| 2-GW42DS-04 | SELENIUM, DISSOLVED | 6020A | 0.024 | mg/l | | 2-GW120705B | 0.023 | mg/l | | 4.3 |
| 2-GW42DS-04 | SELENIUM, TOTAL | 6020A | 0.019 | mg/l | | 2-GW120705B | 0.02 | mg/l | | 5.1 |
| 2-GW42DS-04 | VANADIUM, DISSOLVED | 6020A | 0.0031 | mg/l | | 2-GW120705B | 0.0027 | mg/l | | 13.8 |
| 2-GW42DS-04 | VANADIUM, TOTAL | 6020A | 0.0027 | mg/l | | 2-GW120705B | 0.0028 | mg/l | | 3.6 |
| 2-GW42DS-04 | ZINC, DISSOLVED | 6020A | 0.0081 | mg/l | | 2-GW120705B | 0.0065 | mg/l | | 21.9 |

**ECC Region I Data Review Worksheet** **Sulfate (9038), Nitrate(4500), Hardness (2340B)**
**Project: NLON ECC Job No. 5700** **TOC, TSS, TIER I**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier I** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westboroug h, MA** | **L0514936** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-GW40DS-04 | L0514936-01 |
| 2-GW120705A | L0514936-02 |
| 2-GW1D | L0514936-03 |
| 4-GW1S-04 | L0514936-04 |
| 2-GW43DS-04 | L0514936-05 |
| 2-GW42DS-04 | L0514936-06 |
| 2-GW44DS-04 | L0514936-07 |
| 2-GW120705B | L0514936-08 |
| 3-GW12D-04 | L0514936-09 |
| 3-GW37S-04 | L0514936-10 |
| 2-GW46DS-04 | L0514936-11 |
| 2-GW21S-04 | L0514936-12 |
| 2-GW40DS-04 | L0514936-13 |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED/Narrative Evaluation | Inventory |
|---|---|---|---|
| COC | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects<br>3) preserved per method (amber bottles, temperature. J, UJ, or R (function of HT and compound) | Cooler temperatures <6C. Sample preservation adequate.<br>Sample custody transferred from Field Team Leader to lab sample courier. Unbroken Chain of Custody.<br>Sample preservation within limits.<br>No samples qualified. | X |
| Holding Time | J –detects, UJ or R –nondetects (function of time). Sample not qualified for a Tier I review. | All samples analyzed within holding time. | X |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | Results greater than the calibration limit for hardness were diluted (100X) unused results qualified as ZZZ | X |
| Method Blanks | 1) detects in blanks evaluated at <5X method blank detection | Alkalinity 0.7 <03.5<br>Hardness; 0.024<0.12<br>All sample detections greater than evaluation criteria. | X |
| Results | 1) Results are provided by laboratory | provided | X |
| Calibration | 1) calibration information provided, as per method SOP | Provided | X |

| | | | |
|---|---|---|---|
| Accuracy Check | 1) accuracy information provided, as per method SOP | Provided | X |

Completeness Check: Inventory Check Sheet_____X__

**ECC Region I Data Review Worksheet (rv 2)** **PAH 8270C - SIM**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough, MA** | **L0514936** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-GW40DS-04 | L0514936-01 |
| 2-GW120705A | L0514936-02 |
| 2-GW1D | L0514936-03 |
| 4-GW1S-04 | L0514936-04 |
| 2-GW43DS-04 | L0514936-05 |
| 2-GW42DS-04 | L0514936-06 |
| 2-GW44DS-04 | L0514936-07 |
| 2-GW120705B | L0514936-08 |
| 3-GW12D-04 | L0514936-09 |
| 3-GW37S-04 | L0514936-10 |
| 2-GW46DS-04 | L0514936-11 |
| 2-GW21S-04 | L0514936-12 |
| 2-GW40DS-04 | L0514936-13 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified. | X | - | |
| Holding Time | 1) 7 Days water, 40 to analysis<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times, | X | | |
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made (no USACE )<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | Results < MRL but > MDL were qualified as estimated (J). Please see attached data summary table for all such results. No results exceeding upper calibration range. | X | Results < MRL but > MDL are qualified J. | |
| Equip Blank | < 5x (<10x common) contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Not applicable. Equipment blank not collected/analyzed with this SDG as all the equipment used were dedicated. | - | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Surrogates | 1) Surrogate acceptance limits Nitrobenzene-d5, 2-Fluorobiphenyl & p-Terphenly-d14 within historical lab limits.<br>Qualification: >UCL J –detects,<br>%R<10% J –detects, R –NDs,<br>%R >10% but <60% J-detects, UJ NDs | All surrogate recoveries within MPC limits for all field samples, except for surrogate nitrobenzene-D5 in sample 08. This sample ND for all PAHs. No samples qualified. | X | - | |
| Lab Blanks (method blanks) | 1) < 5x (<10x common) contaminants – U analytes <lab PQL (contract lab) | Method blank was non-detect for all PAH's. | X | - | |
| LCS Recovery | 1) QAPP limits<br>10% and <LCL% J detects, UJ -NDs<br>>UCL% J detects <10% R NDs, J-detects | LCS in limits. Lab accuracy is acceptable. | X | - | |
| MS/MSD Recovery | 1) QAPP limits (if MS > 4X native levels)<br>Qualification of MS sample: <10% J detects, R NDs<br>>10% and <70% J detects, UJ -NDs<br>>130% J detects | Native sample – sample 03. MS/MSD recoveries within MPC limits. No sample qualifications. | X | - | |
| MS/MSD RPD | RPD ≤30% solid, 30%. J –detects in MS sample<br>UJ-non detects | Native sample – sample 03.<br>All MS/MSD RPD's within MPC limits for all compounds of concern. No sample qualifications. | X | - | |
| Cleanup Performance Check (if performed) | %R< 10% NDs-R detections J<br>%R>10% <LCL (80%GPC) –detections J, NDs UJ<br>%R>UCL (120%) – detections J<br>Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. | NA | - | - | |
| Retention times | Within 3X standard deviation for each analyte from 72-hour study<br>Exceeds: R qualify data | Retention times within limits. | X | - | |
| Field Dup RPD | 1) RPD ≤ 100% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL)<br>2) If one >X PQL, other ND, J-detections, UJ non-detect<br>Other conditions use judgement | One field duplicate sample pair analyzed with this SDG samples; samples 06 field sample and 08 FD.<br><br>Acenaphthene detected in the FD but not in the field sample.<br>Overall sampling and analysis precision acceptable. | X | Acenaphthene qualified J in sample 08 and UJ in sample 06 | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Initial Cal (Linearity) | Correct calibration stds<br>%RSD < 15% use average RF for calibration<br>%RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995<br>or alternatively mean %RSD <20% for all target analytes, with no analyte %RSD>40%<br>Resolution check mix –valley 60% hgt of shortest peak (CLP criteria only)<br>Performance check mix - >90% (PEM) (CLP criteria only)<br>SW-846 PEM –endirn/DDT breakdown evaluation.<br>Blank and Performance Evaluation Mix (PEM) at start, and blank and midpoint<br>Individual Standard Mix A (ISMA) and ISMB at end or samples(CLP only) | Date: April 21, 2005<br>Instrument – Mork<br><br>%RSD < 15% or COD > 0.99.<br>ICAL linear. No samples qualified<br>RRF>0.05 | X | - | |
| 2nd Source ICV | %R (between ICV and Ical) analytes<br>%D ≤ 25%, (+ or -) once per 5 pt cal<br>Qualification: J detects, R or UJ NDs | Instrument – Mork<br>ICV % within limits.. | X | . | |
| CCV | 1) 20% of initial calib. Curve (80%-120%) If low re-calibrate per method. If high no recalibration needed. J qualify data.<br>2) 15% D<br>Qualification-J detects, R or UJ NDs | Instrument – Mork<br>All CCV %D's within MPC limits | X | - | |
| Tune Check | Tune check within method parameters for DFTPP | Ical tune check within limits.<br>And CCV tune check within limits. No samples qualified.<br>Degradation checks associated with sample analysis and ICAL tune checks with limits. | X | - | |
| Internal Stds | 1) IS are –50% to 200% of CCV<br>1) RRT<0.06 (30 sec)<br>2) IS>100% J-detects<br>3) IS<20%CCV NDs – R<br>4) IS>20%CCV <50%CCV NDs – UJ<br>5) *check for IS transcription errors | Internal standards were within MPC limits.<br>No samples qualified. | X | - | |
| Sensitivity | 1) MDL study – 7 replicates (40 CFR)<br>2) Surrogates %R 80-120%,<br>2) %R <10 ND- (R) , J- detects<br>3) 10%> but <80% , judgement<br>4) %R>120% J-detects<br>5) QC, RRT meet criteria,<br>6) %RSD < 20%<br>7) MDL< MQL (3x less ideal)<br>8) Lab fortified blank (see VOA/SV Part II –section X).<br>*Check and recalculate %RSDs and %R for three compounds (with 10% of lab) | Reporting limits were less than the primary monitoring criteria for all compounds.<br>Acceptable sensitivity for all compounds. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evaluation:<br>The laboratory accuracy and precision were acceptable. No apparent sample bias. Data usable for project decisions, as qualified.<br>All surrogate, LCS, MS/MSD recoveries and MS/MSD RPD's within MPC limits.<br>.<br><br>ICAL; Linear.<br>ICV: in limits..<br>CCV; All CCV %D's within MPC limits<br><br>Sampling Error Evaluation;<br>One field duplicate sample pair analyzed with this SDG samples; samples 06 field sample and 08 FD.<br><br>Acenaphthene detected in the FD but not in the field sample.<br>Overall sampling and analysis precision acceptable. | X | - | |

(*Tier III criteria)

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

**Lab Correspondence:** None.

**ECC Region I Data Review Worksheet (rv 2)** **SVOCs 8270C**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough , MA** | **L0514936** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-GW40DS-04 | L0514936-01 |
| 2-GW120705A | L0514936-02 |
| 2-GW1D | L0514936-03 |
| 4-GW1S-04 | L0514936-04 |
| 2-GW43DS-04 | L0514936-05 |
| 2-GW42DS-04 | L0514936-06 |
| 2-GW44DS-04 | L0514936-07 |
| 2-GW120705B | L0514936-08 |
| 3-GW12D-04 | L0514936-09 |
| 3-GW37S-04 | L0514936-10 |
| 2-GW46DS-04 | L0514936-11 |
| 2-GW21S-04 | L0514936-12 |
| 2-GW40DS-04 | L0514936-13 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIA S |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects<br>3) preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified. | X | - | |
| Holding Time | 1) 7 Days aqueous – 14 days soil (extract 40 days)<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times – no sample qualifications. | X | - | |
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made (no USACE )<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | All results are non-detect | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIA S |
|---|---|---|---|---|---|
| TIC's (if reported) | 1) *verify library search for samples and blanks<br>2) verify TICs were not misreported compounds (different fraction or miss in search)<br>3) All TICs – J estimated<br>4) * verify blanks do not contain TIC peaks<br>5) * check TIC assignment spectra to STD spectra<br>6) *review blank and Samples for common lab contaminants | None Reported | X | - | |
| Internal Stds | 1) IS are –50% to 200% of CCV<br>1) RRT<0.06 (30 sec)<br>2) IS>100% J-detects<br>3) IS<20%CCV NDs – R<br>4) IS>20%CCV <50%CCV NDs – UJ<br>5) *check for IS transcription errors | Internal standards were within MPC limits. No samples qualified. | X | - | |
| Equip Blank | < 5x (<10x common) contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Dedicated equipment – hence not collected/analyzed with this SDG | - | - | |
| Surrogates | Within historical laboratory limits<br>Qualification: >UCL J –detects,<br>%R<10% J –detects, R –NDs,<br>%R >10% but <LCL% J-detects, UJ NDs | Surrogate recoveries within MPC limits for all samples. No sample qualifications. | X | - | |
| Lab Blanks (method blanks) | 1) < 5x (<10x common) contaminants – U<br>2) analytes <lab PQL (contract lab)<br>no phthalates >5X QL (QAPP) | Method blank was non-detect for all SVOC's of concern; diethyl phthalate 3.1<31 | X | - | |
| LCS Recovery | 1) Within historical laboratory limits listed in (QAPP)<br>10% and <LCL% J detects, UJ –NDs<br>>UCL% J detects <10% R NDs, J-detects | All LCS %R's within MPC. Lab accuracy is acceptable. | X | - | |
| MS/MSD Recovery | 1) Within historical laboratory limits (QAPP) (if MS > 4X native levels)<br>Qualification of MS sample: <10% J detects, R NDs<br>>10% and <70% J detects, UJ -NDs<br>>130% J detects | Native sample – sample 03.<br>MS/MSD %Rs within MPC. No samples qualified. Laboratory accuracy is acceptable. | X | - | |
| Cleanup Performance Check (if performed) | %R< 10% NDs-R detections J<br>%R>10% <LCL (80%GPC) –detections J, NDs UJ<br>%R>UCL (120%) – detections J<br>Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. Good surrogate recovery, GPC blank check – no carryover.(VOA/SV-IX-I6). Sulfur and High MW compounds removed.<br>Symmetrical peaks for all compounds | NA | - | - | |
| MS/MSD RPD | RPD ≤30% aq, <50% (S) J –detects in MS sample<br>UJ-non detects | Native sample 03.<br>All MS/MSD RPD's within MPC limits for all compounds, except for 2,4 dimethylphenol. Laboratory precision is acceptable. | X | 2,4 dimethylphenol qualified UJ in sample 03 | |
| Tune Check | Tune check within method parameters for DFTPP | The raw data sheets were used for validation. All tunes were within limits. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| DDT degradation Instrument performance check | 1) Breakdown <20% DDT<br>2) benzidine and pentachlorophenol at normal response - no peak trailing (<3.0 benz. , <5.0 penta.)<br>Detections – J | Degradation checks performed with associated tune checks were all within limits. | X | - | |
| Field Dup RPD | 1) RPD ≤ 100% water; ≤ 100% soil for Results > PQL (FD pair only) J-detects (both > PQL)<br>2) If one > PQL, other ND, J-detections, UJ non-detect<br>Other conditions use judgement | One field duplicate sample pair analyzed with this SDG samples 06 and 08.<br>FD RPDs are shown on attached table, if sample results were detected.<br>All FD RPDs are within MPC. Overall precision is acceptable. | X | - | |
| Initial Cal (Linearity) | Correct calibration stds<br>%RSD < 15% use average RF for calibration<br>%RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995<br>or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte<br>1) CCCs %RSD: < 30% (acenaphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol)<br>2) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol<br>J –detects, R or UJ NDs all samples associated with Ical)<br>3) SPCCs Average RRF > 0.05: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol.<br>(J –detects, R NDs)<br>4) RRF>0.05 all target compounds RRT < 0.06 units (all stds within 30 sec)<br>5) *verify that instrument parameters met method and that Ical and analysis used the same parameters<br>6) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values.<br>7) *recalculate one tgt compound associated with each IS. Recalculated values within 10%<br>8) *option-review preparation logs to ensure cal stds are traceable to NIST stds.<br>9) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package) | Instrument: Buffy<br>Date: 29 oct 2005.<br>RRF>0.05 all SVOC's.<br>RSD < 15% criteria used for linearity of SVOC Ical. Acceptable linearity.<br>No samples qualified based on ICAL. | X | - | |
| 2nd Source ICV | %R (between ICV and Ical) analytes 80%--120% (USACE)<br>%D ≤ 25%, (+ or -) once per 5 pt cal<br>Qualification: J detects, R or UJ ND's | Instrument: Buffy<br>%D's within MPC limits for all SVOC's of concern, except for 4-chloroanaline. | X | Qualify 4-chloroaniline in all samples UJ | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| CCV | 1) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol.<br>2) RRF all compounds > 0.05<br>3) CCC: (acenatphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol)<br>4) %D<20%. CCCs (QAPP -except surrogates).<br>5) Qualification-J detects, R or UJ Nods<br>6) %D<25% all compounds (Tier I).<br>7) RRF exclusions: surrogates,<br>8) *verify same instrument and parameters<br>9) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10% )<br>10) *Recalculate %D for one tgt cmpd associated with each IS (within 10%)<br>11) *IS RRT<0.06 units (30 sec)<br>12) * IS area -50 % to 100 % of last ICAL<br>13) *option-review preparation logs to ensure cal stds are traceable to NIST stds.<br>14) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package) | Instrument: Buffy<br>%D's within MPC limits | X | | |
| Compound Quantitation | 1) Check sensitivity (MDL< 1/3 PQL or per QAPP) | For target SVOC's the MDL< 1/3 PQL. Analytical sensitivity was adequate. No dilution required. Reporting limits were below the monitoring criteria for all compounds. | X | - | |
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evalution:<br>The laboratory accuracy and precision were acceptable. LCS and MS/MSD within limits. MS/MSD RPD >MPC for 4-chloroaniline. surrogates within limits. .<br><br>ICAL; linear.<br>ICV: within limits for all SVOC's of concern, except for 4-chloronailine<br>CCV: within MPC limits<br><br>Sampling Error Evaluation:–<br>One field duplicate sample pair analyzed with this SDG samples 06 and 08.<br>FD RPDs are shown on attached table, if sample results were detected.<br>All FD RPDs are within MPC. Overall precision is acceptable. | X | - | |

*Tier III criteria.

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

**Lab Correspondence:** None.

**ECC Region I Data Review Worksheet (rv 2)** **Metals 6010B/6020A/7470A**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **HNO3** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough , MA** | **L0514936** |

**Field Identification of Samples Evaluated:**

| Field ID | Lab Sample Number |
|---|---|
| 2-GW40DS-04 | L0514936-01 |
| 2-GW120705A | L0514936-02 |
| 2-GW1D | L0514936-03 |
| 4-GW1S-04 | L0514936-04 |
| 2-GW43DS-04 | L0514936-05 |
| 2-GW42DS-04 | L0514936-06 |
| 2-GW44DS-04 | L0514936-07 |
| 2-GW120705B | L0514936-08 |
| 3-GW12D-04 | L0514936-09 |
| 3-GW37S-04 | L0514936-10 |
| 2-GW46DS-04 | L0514936-11 |
| 2-GW21S-04 | L0514936-12 |
| 2-GW40DS-04 | L0514936-13 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Two samples required (2-GW-40DS and 2-GW043D-04) required pH adjustment in the laboratory. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody.<br>No samples qualified. | X | - | |
| Holding Time | 1) 180 days (6010), Hg 28 Days to analysis<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times – no sample qualifications. | X | - | |
| Lab Duplicate | 1) RPD < 20%<br>1) If both values > MRL<br>2) Qualify samples in batch: detects J, NDs UJ | Native sample – sample 03 for both total and dissolved metals.<br>Laboratory precision is acceptable, except for total zinc. | X | Total zinc qualified J in sample 03 | |
| LCS Recovery | 1) once per sample batch<br>2) 75-125% water, soil, QAPP limits.<br>3) <LCL% Reject<br>4) >UCL% detects J | LCS %R's acceptable for all metals. No samples qualified. | X | - | |
| Field Dup RPD | 1) RPD ≤ 50% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL)<br>2) If one >X PQL, other ND, J-detections, UJ non-detect | One field duplicate sample pair analyzed with this SDG samples 06 and 08.<br>FD RPDs are shown on attached table, if sample results were detected. | X | See attached FD workshet | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | | All FD RPDs are within MPC. Note; dissolved Pb results were qualified U because of method blank detections. Overall sampling and analysis precision is acceptable. | | | |
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <MRL but >MDL – J –detects (estimated) | Results less than the method reporting limits and greater than the method detection limit were qualified J. Please see attached data summary table for all such results. | X | J qualify results < MRL and > MDL. | |
| Lab Blanks (method blank or p reparation blank) | 1) Once per sample batch<br>2) Results> QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | Method blanks for total metals and dissolved metals;<br><br>Total metal MB detections and associated evaluation criteria:<br>Ca; 0.008. <0.04<br>Sb; 0.00004<0.0002<br>Cr; 0.00005<0.00025<br>Co; 0.00002<0.0001<br>Pb;0.00003<0.00012<br>Mo; 0.00006<0.0003<br>V; 0.00003, <0.000155<br>Zn; 0.00179,< 0.0085<br><br>Dissolved metals:<br>Ca; 0.007,<0.035<br>Mg, 0.007,<0.035<br>K, 0.14,<14<br>Na: 0.39<39<br>As; 0.00004<0.0002<br>Mo: 0.00078<0.004<br>Ag; 0.00003<0.00013 | x | Total metals qualified U by element;<br>Sb; 2,3,4,7,&10<br>Cr; 2,3,4,9<br>Co; 4,8<br>Pb; 4,9,10<br>Mo; 2,3,6,8,9<br>V; 3,9.10<br>Zn: 2,3,4,9.10. &13<br><br>Dissolved metals by element and sample qualified U:<br>K; 2,3,4<br>Na; 4<br>As; 4<br>Mo: 2,3,4,6,7,8, 9,12<br>Ag; 1,5 | |
| MS Recovery | 1) 75-125% GFAA/ICP if MS > 4X native levels)<br>Qualification of MS sample:<br>2) <30% J detects, R NDs<br>3) 30%--74%, detects J, NDs UJ<br>>125% J detects | Native sample –sample 03 (total and dissolved metals.<br>All MS/MSD recoveries within MPC limits. No apparent matrix bias | X | - | |
| Sensitivity* | 1) MDL study – 7 replicates (40 CFR)<br>2) Surrogates %R 80-120%,<br>1) %R <10 ND- (R) , J- detects<br>2) 10%> but <80% , judgement<br>3) %R>120% J-detects<br>4) %RSD < 20%<br>5) MDL< MQL (3x less ideal)<br>6) Lab fortitied blank (see VOA/SV Part II – section X).<br>*Check and recalculate %RSDs and %R for | Samples required dilutions for quantitation of Na, Mg, & K.<br><br>Unused sample results are qualified by the non-USEPA data qualifier ZZZ. | X | Non used dilution results are qualified as ZZZ | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | three compounds (with 10% of lab) | | | | |
| Equip Blank | < 5x contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Equipment blank not collected/analyzed with this SDG – dedicated equipment. | - | - | |
| Negative blanks | If negative values are reported for an analyte with absolute value >DL and sample value is <5X the absolute value of the blank or is nondetect Qualify detects as estimated (J)<br>Nondetects as estimated (UJ) | Evaluated as part of the CCB/ICB | X | - | |
| Initial Calibration Blanks | 1) Ical blank after Ical<br>2) Results > QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | ICB<br>All within limits. Negative results no impact.<br>Sb, Pb, Ag, Tl,and Cd | x | Sb, Pb, Ag, Tl, and Cd qualified U in select samples | |
| Continuing Calibration Blanks | 1) CCB every 10 samples end of run<br>2) Results > QL; sample results <5X; sample result U (nd)<br>3) Sample results >5X blank level; no action | CCB<br>Al | x | Al qualified U | |
| Serial Dilution | 1) once per digestion batch<br>2) Meets method limits (%D < 10%).<br>3) Metal results >50X MDL levels. | Sample 03 for total and dissolved<br>SD>10% for Co and K (totals) | X | Sample 1 03 Co and K qualified J | |
| Interelement checks ICS-A, ICS-AB Instrument performance check | 1) start of sequence<br>2) 80-120% target analytes<br>3) >120% ; detects J (ICS-AB)<br>4) 50%-79% R ICS-AB; detects J, NDs – UJ<br>5) <50% R – reject data<br>6) ICS-A response > DL and samples have <5X ICS-A response: detects J<br>7) Absolute value of negative ICS-A response>DL and sample detects <5X ICS-A response: detects J, NDs as UJ<br>8) If the ICS-A is within limits, the ICS-AB may not be analyzed (USACE Shell) | Metal ICS's %R's within MPC limits for COC elements. No samples qualified. | X | - | |
| Initial Cal Multipoint | 1) 6010: 1 std and blank and low-level check at MQL – check std 20%<br>2) 3 stds and a blank- R = 0.995 | ICAL performed according to method. Two point calibration and check standards. The pre-analysis check standards were within MPC limits. | X | - | |
| 2nd Source ICV | 1) following calibration<br>2) 90- 110% Recovery (6010/7000 )<br>3) 75%-89% R – detects J, NDs – UJ<br>4) 111-125% R – detects J<br>outside 75-125% R – reject data ( R ) | Within limits of MPC. No samples qualified. | X | - | |
| CCV | 1) every 10 samples and end of run<br>2) 90- 110% Recovery (6010) Hg; 80-120%<br>3) 6010: 75%-89% R Hg, 65-79% R; – detects J, NDs – UJ.<br>4) 6010: 111-125%, Hg: 121-135% detects J<br>6010: outside 75-125%, Hg; outside 65-135%; R – reject data ( R ) | Hg and ICP metals had applicable CCV %D's within MPC limits. No samples qualified. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Post Digestion Spike | 1) 75- 125% R | PDS performed for Co. PDS %R within limits. No matrix bias. | X | - | |
| *MDL Study | 1) *In accordance with 40CFR – seven replicates %RSD < 20%<br>2) * IS and retention times within method requirements<br>3) * performed annually<br>4) *MDL is at least ½ of PQL<br>*tgt and surrogate 80-120% R | NA | - | - | |
| *System Performance | 1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy<br>3) *Matrix effects- MS/MSD, surrogated, PDS.<br>4) *overall system contamination-review all blanks for systemic or sporadic contamination | NA | - | - | |
| *Single Blind PE | 1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R<br>5) PES > acceptance criteria – Detects in samples J,<br>6) PES<acceptance criteria – Detects J, NDs –R<br>7) VOA/SV-XI14 other criteria<br>8) *% of PES sample above and below criteria<br>*Recalculate concentrations for one tgt compound per PES (10% of lab) | NA | - | - | |
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evaluation:<br>Sample results are usable for project decision making, as qualified.<br>Laboratory accuracy and precision were acceptable. Accuracy was shown by the LCS being within MPC limits. All MS recoveries within MPC limits, PDS %R for Co shows no apparent matrix bias.<br><br>Lab duplicate RPD's within MPC limits. The ICS-A, and ICS-AB were within MPC limits for all elements.<br><br>ICAL; 2-point calibration.<br>ICV: within MPC limits.<br>CCV: within MPC limits.<br><br>Sampling Error Evaluation:<br>One field duplicate sample pair analyzed with this SDG samples 06 and 08.<br>FD RPDs are shown on attached table, if sample results were detected.<br>All FD RPDs are within MPC. Note; dissolved Pb results were qualified U because of method blank detections.<br>Overall sampling and analysis precision is acceptable. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | | | | | |

*TIER III DATA VALIDATION ONLY Completeness Check: Inventory Check Sheet___X_Sample Quantitation Calculations (TIER III DATA VALIDATION ONLY):

Lab correspondence: none.

**Region I, EPA-NE ORGANIC REGIONAL DATA ASSESSMENT**

LAB NAME: Alpha Lab
SDG #:__L0514937_____
EPA-NE DV TIER LEVEL:___II___
SITE NAME: New London NSB O&M – Area A

# of SAMPLES/MATRIX:___8-surfacewater, 1-FD _
VALIDATION CONTRACTOR:__ECC
VALIDATOR'S NAME: Jackson Kiker
DV Completion Date:_7 February 2006.
Date Sampled__5,7,8 Dec 2005

## ANALYTICAL DATA QUALITY SUMMARY

| | | SVOC | PAH | Metals |
|---|---|---|---|---|
| 1 | Preservation and HT | O | O | O |
| 2 | Instrument Performance Check | O | O | O |
| 3 | Initial Calibration: | M | O | O |
| 4 | Continuing Calibration: | O | O | O |
| 5 | Blanks: | M | O | M |
| 6 | Surrogate Compounds: | O | O | - |
| 7 | Internal Standards | O | O | - |
| 8 | Matrix Spike/Matrix Spike Duplicate: | M | M | O |
| 9 | Sensitivity Check: | O | O | O |
| 10 | PE Samples- Accuracy Check | M | O | O |
| 11 | Target Compound Identification: | O | O | O |
| 12 | Compound Quantitation and Reported QLs | O | O | O |
| 13 | Tentatively Identified Compounds: | - | - | - |
| 14 | Semivolatile/Pesticide/PCB Cleanup: | - | - | - |
| 15 | Data Completeness | O | O | O |
| 16 | Overall Evaluation of Data: | O | O | O |

O = Data had no problems or were qualified due to minor contractual problems; M = Data were qualified due to major/systemic MPC exceedences: Z = Data were rejected as unusable due to major contractual problems.

**ACTION ITEMS: (Z items):** no action items.

**AREAS OF CONCERN: (M items):**

**Metals:** Method blank; the following metals were detected in the method blank; Ca, Sb, Cr, Co, Pb, Mo, V, Zn, As, Ag, K, & Na. MS %R>UCL for Hg.

**SVOC:** MS/MSD RPD>MPC for 2,4 Dimethlyphenol. MS %R low for 2,4,6 trichlorophenol, 2,4 dichlorophenol, phenol, 2-methylphenol, benzoic acid . Method blank: diethylphthalate. MS/MSD RPD >MPC for 2-chloronaphthalene, naphthalene, and 2-methylnapthalene. LCS; benzoic acid %R<LCL. ICV: 4-chloroaniline %D>25%.

**PAH:** MS %R<LCL for chrysene

**Comments:** Tier I for anions.

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ALKALINITY, TOTAL | 2320B | 18 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SOLIDS, TOTAL DISSOLVED | 2540C | 130 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SOLIDS, TOTAL SUSPENDED | 2540D | 33 | mg/l | | y | 5 | | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CHLORIDE | 9251 | 62 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SULFATE | 9038 | 20 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CHEMICAL OXYGEN DEMAND | 5220D | 17 | mg/l | J | y | 20 | 5.5 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | TOTAL ORGANIC CARBON | 9060 | 3.6 | mg/l | | y | 1 | 0.096 | 2 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | HARDNESS | 2340B | 33 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ALUMINUM, TOTAL | 6010B | 0.079 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ANTIMONY, TOTAL | 6020A | 0.00027 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ARSENIC, TOTAL | 6020A | 0.00042 | mg/l | J | y | 0.001 | 0.000034 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BARIUM, TOTAL | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CADMIUM, TOTAL | 6020A | 0.00004 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CALCIUM, TOTAL | 6010B | 8.9 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CHROMIUM, TOTAL | 6020A | 0.00083 | mg/l | J | y | 0.001 | 0.000031 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | COBALT, TOTAL | 6020A | 0.00036 | mg/l | J | y | 0.001 | 0.000017 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | COPPER, TOTAL | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | IRON, TOTAL | 6010B | 1.2 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | LEAD, TOTAL | 6020A | 0.0006 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MAGNESIUM, TOTAL | 6010B | 2.6 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MANGANESE, TOTAL | 6010B | 0.06 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MOLYBDENUM, TOTAL | 6020A | 0.00031 | mg/l | J | y | 0.002 | 0.00003 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | NICKEL, TOTAL | 6020A | 0.0013 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | POTASSIUM, TOTAL | 6010B | 3.7 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SELENIUM, TOTAL | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SODIUM, TOTAL | 6010B | 40 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | VANADIUM, TOTAL | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.00003 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ZINC, TOTAL | 6020A | 0.0275 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ALUMINUM, DISSOLVED | 6010B | 0.011 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ANTIMONY, DISSOLVED | 6020A | 0.00024 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ARSENIC, DISSOLVED | 6020A | 0.00023 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BARIUM, DISSOLVED | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.0002 | 0.000034 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CALCIUM, DISSOLVED | 6010B | 8.5 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CHROMIUM, DISSOLVED | 6020A | 0.00033 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | COBALT, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.001 | 0.000017 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | COPPER, DISSOLVED | 6020A | 0.0007 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | IRON, DISSOLVED | 6010B | 0.4 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | LEAD, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MAGNESIUM, DISSOLVED | 6010B | 2.5 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MANGANESE, DISSOLVED | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | MOLYBDENUM, DISSOLVED | 6020A | 0.00041 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | NICKEL, DISSOLVED | 6020A | 0.00054 | mg/l | J | y | 0.001 | 0.000024 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | POTASSIUM, DISSOLVED | 6010B | 3.7 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SILVER, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | SODIUM, DISSOLVED | 6010B | 38 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | VANADIUM, DISSOLVED | 6020A | 0.0002 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ZINC, DISSOLVED | 6020A | 0.0191 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | U | n | 5.3 | 1.4 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.3 | 1.4 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.3 | 1.1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.7 | ug/l | U | n | 53 | 2.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4-DINITROTOLUENE | 8270C | 0.51 | ug/l | U | n | 6.4 | 0.51 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.3 | ug/l | U | n | 5.3 | 2.3 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ISOPHORONE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | NITROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.5 | ug/l | U | n | 16 | 4.5 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BUTYL BENZYL PHTHALATE | 8270C | 0.71 | ug/l | U | n | 5.3 | 0.71 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DI-N-BUTYLPHTHALATE | 8270C | 0.53 | ug/l | U | n | 5.3 | 0.53 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DI-N-OCTYLPHTHALATE | 8270C | 0.57 | ug/l | U | n | 5.3 | 0.57 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DIMETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.3 | 1.5 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.4 | 1.4 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DIBENZOFURAN | 8270C | 0.98 | ug/l | U | n | 5.3 | 0.98 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.3 | 1.3 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.3 | 1.6 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | U | n | 6.4 | 1.9 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4-DIMETHYLPHENOL | 8270C | 3.3 | ug/l | U | n | 11 | 3.3 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | U | n | 21 | 2.5 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 11 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | PHENOL | 8270C | 1.3 | ug/l | U | n | 7.4 | 1.3 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.4 | 1.6 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.7 | ug/l | U | n | 6.4 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 53 | 1 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CARBAZOLE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ACENAPHTHENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.21 | 0.047 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.21 | 0.057 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | FLUORANTHENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.21 | 0.042 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | NAPHTHALENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.21 | 0.053 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.21 | 0.04 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZO(A)PYRENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.21 | 0.042 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.21 | 0.053 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.21 | 0.038 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | CHRYSENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ACENAPHTHYLENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.21 | 0.049 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | ANTHRACENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.26 | 0.052 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | FLUORENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | PHENANTHRENE | 8270C-SIM | 0.033 | ug/l | U | n | 0.21 | 0.033 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.21 | 0.057 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | PYRENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.21 | 0.049 | 1 |
| 2-SW20-04 | 7-Dec-05 | Water | L0514937-01 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.21 | 0.038 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ALKALINITY, TOTAL | 2320B | 31 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SOLIDS, TOTAL DISSOLVED | 2540C | 140 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SOLIDS, TOTAL SUSPENDED | 2540D | 640 | mg/l | | y | 50 | | 10 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CHLORIDE | 9251 | 64 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SULFATE | 9038 | 14 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CHEMICAL OXYGEN DEMAND | 5220D | 100 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | TOTAL ORGANIC CARBON | 9060 | 20 | mg/l | | y | 5 | 0.48 | 10 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | HARDNESS | 2340B | 48 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ALUMINUM, TOTAL | 6010B | 1.6 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ANTIMONY, TOTAL | 6020A | 0.0011 | mg/l | | y | 0.001 | 0.000022 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ARSENIC, TOTAL | 6020A | 0.0109 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BARIUM, TOTAL | 6010B | 0.1 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BERYLLIUM, TOTAL | 6010B | 0.0007 | mg/l | J | y | 0.005 | 0.0001 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CADMIUM, TOTAL | 6020A | 0.0004 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CALCIUM, TOTAL | 6010B | 14 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CHROMIUM, TOTAL | 6020A | 0.0056 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | COBALT, TOTAL | 6020A | 0.0027 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | COPPER, TOTAL | 6020A | 0.0192 | mg/l | | y | 0.001 | 0.000172 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | IRON, TOTAL | 6010B | 180 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | LEAD, TOTAL | 6020A | 0.0095 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MAGNESIUM, TOTAL | 6010B | 2.9 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MANGANESE, TOTAL | 6010B | 0.45 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MERCURY, TOTAL | 7470A | 0.00003 | mg/l | J | y | 0.0002 | 0.000014 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MOLYBDENUM, TOTAL | 6020A | 0.0026 | mg/l | | y | 0.002 | 0.00003 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | NICKEL, TOTAL | 6020A | 0.0142 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | POTASSIUM, TOTAL | 6010B | 4.3 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SELENIUM, TOTAL | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000298 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SILVER, TOTAL | 6020A | 0.00007 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SODIUM, TOTAL | 6010B | 42 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | THALLIUM, TOTAL | 6020A | 0.00004 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | VANADIUM, TOTAL | 6020A | 0.0722 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ZINC, TOTAL | 6020A | 0.3888 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ALUMINUM, DISSOLVED | 6010B | 0.011 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ANTIMONY, DISSOLVED | 6020A | 0.00029 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ARSENIC, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BARIUM, DISSOLVED | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.0002 | 0.000034 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CALCIUM, DISSOLVED | 6010B | 10 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CHROMIUM, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | COBALT, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.001 | 0.000017 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | COPPER, DISSOLVED | 6020A | 0.00065 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | IRON, DISSOLVED | 6010B | 0.2 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | LEAD, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MAGNESIUM, DISSOLVED | 6010B | 2.4 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MANGANESE, DISSOLVED | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | MOLYBDENUM, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | NICKEL, DISSOLVED | 6020A | 0.00071 | mg/l | J | y | 0.001 | 0.000024 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | POTASSIUM, DISSOLVED | 6010B | 3.6 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | SODIUM, DISSOLVED | 6010B | 39 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | VANADIUM, DISSOLVED | 6020A | 0.00021 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ZINC, DISSOLVED | 6020A | 0.0445 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.1 | 1.3 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.1 | 1.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 1,4-DICHLOROBENZENE | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 51 | 2.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4-DINITROTOLUENE | 8270C | 0.49 | ug/l | U | n | 6.1 | 0.49 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,6-DINITROTOLUENE | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.1 | 1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5.1 | 2.2 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | HEXACHLOROETHANE | 8270C | 0.99 | ug/l | U | n | 5.1 | 0.99 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.3 | ug/l | U | n | 15 | 4.3 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.1 | 1.7 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BUTYL BENZYL PHTHALATE | 8270C | 0.68 | ug/l | U | n | 5.1 | 0.68 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DI-N-BUTYLPHTHALATE | 8270C | 0.51 | ug/l | U | n | 5.1 | 0.51 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DI-N-OCTYLPHTHALATE | 8270C | 0.55 | ug/l | U | n | 5.1 | 0.55 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4-CHLOROANILINE | 8270C | 1.4 | ug/l | UJ | n | 5.1 | 1.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.1 | 1.3 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DIBENZOFURAN | 8270C | 0.94 | ug/l | U | n | 5.1 | 0.94 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5.1 | 1.2 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5.1 | 1.5 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.1 | 1.8 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4-DICHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 10 | 2.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4-DIMETHYLPHENOL | 8270C | 3.1 | ug/l | U | n | 10 | 3.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 20 | 2.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 20 | 1.1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 4,6-DINITRO-O-CRESOL | 8270C | 1.4 | ug/l | U | n | 20 | 1.4 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 20 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.1 | 1.2 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 51 | 1 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ACENAPHTHENE | 8270C-SIM | 0.045 | ug/l | U | n | 0.2 | 0.045 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.055 | ug/l | U | n | 0.2 | 0.055 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | FLUORANTHENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.2 | 0.041 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | NAPHTHALENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.2 | 0.051 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.2 | 0.039 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZO(A)PYRENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.2 | 0.041 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.2 | 0.051 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.2 | 0.037 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | CHRYSENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.2 | 0.035 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ACENAPHTHYLENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.2 | 0.047 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | ANTHRACENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.2 | 0.05 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.26 | 0.05 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | FLUORENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.2 | 0.036 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | PHENANTHRENE | 8270C-SIM | 0.032 | ug/l | U | n | 0.2 | 0.032 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.055 | ug/l | U | n | 0.2 | 0.055 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.2 | 0.035 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | PYRENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.2 | 0.047 | 1 |
| 2-SW18-04 | 7-Dec-05 | Water | L0514937-02 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.2 | 0.037 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ALUMINUM, TOTAL | 6010B | 0.32 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ANTIMONY, TOTAL | 6020A | 0.00051 | mg/l | J | y | 0.001 | 0.000022 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ARSENIC, TOTAL | 6020A | 0.0016 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BERYLLIUM, TOTAL | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CADMIUM, TOTAL | 6020A | 0.00016 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CALCIUM, TOTAL | 6010B | 19 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CHROMIUM, TOTAL | 6020A | 0.0013 | mg/l | J | y | 0.001 | 0.000031 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | COBALT, TOTAL | 6020A | 0.00063 | mg/l | U | y | 0.001 | 0.000017 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | COPPER, TOTAL | 6020A | 0.0101 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | IRON, TOTAL | 6010B | 22 | mg/l | J | y | 0.05 | 0.0099 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | LEAD, TOTAL | 6020A | 0.0038 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MAGNESIUM, TOTAL | 6010B | 3.4 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MANGANESE, TOTAL | 6010B | 0.16 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MERCURY, TOTAL | 7470A | 0 | mg/l | UJ | n | 0.0002 | 0.000014 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MOLYBDENUM, TOTAL | 6020A | 0.00024 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | NICKEL, TOTAL | 6020A | 0.0045 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | POTASSIUM, TOTAL | 6010B | 5.2 | mg/l | J | y | 2.5 | 0.056 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SELENIUM, TOTAL | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SILVER, TOTAL | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SODIUM, TOTAL | 6010B | 51 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | VANADIUM, TOTAL | 6020A | 0.0103 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ZINC, TOTAL | 6020A | 0.0767 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ALUMINUM, DISSOLVED | 6010B | 0.012 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ANTIMONY, DISSOLVED | 6020A | 0.00022 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ARSENIC, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BARIUM, DISSOLVED | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BERYLLIUM, DISSOLVED | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CADMIUM, DISSOLVED | 6020A | 0.00007 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CALCIUM, DISSOLVED | 6010B | 17 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CHROMIUM, DISSOLVED | 6020A | 0.00046 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | COBALT, DISSOLVED | 6020A | 0.00033 | mg/l | J | y | 0.001 | 0.000017 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | COPPER, DISSOLVED | 6020A | 0.00046 | mg/l | U | y | 0.001 | 0.000172 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | IRON, DISSOLVED | 6010B | 0.16 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | LEAD, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.0005 | 0.000028 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MAGNESIUM, DISSOLVED | 6010B | 3 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MANGANESE, DISSOLVED | 6010B | 0.13 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MERCURY, DISSOLVED | 7470A | 0.00004 | mg/l | UJ | n | 0.0002 | 0.000014 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | MOLYBDENUM, DISSOLVED | 6020A | 0.00005 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | NICKEL, DISSOLVED | 6020A | 0.0015 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | POTASSIUM, DISSOLVED | 6010B | 4.6 | mg/l | J | y | 2.5 | 0.056 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SODIUM, DISSOLVED | 6010B | 48 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | VANADIUM, DISSOLVED | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ZINC, DISSOLVED | 6020A | 0.0253 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | UJ | n | 5.4 | 1.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | UJ | n | 5.4 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | UJ | n | 5.4 | 1.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | UJ | n | 5.4 | 1.2 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | UJ | n | 5.4 | 1.1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.8 | ug/l | UJ | n | 54 | 2.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4-DINITROTOLUENE | 8270C | 0.52 | ug/l | UJ | n | 6.5 | 0.52 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | UJ | n | 5.4 | 1.1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.4 | ug/l | UJ | n | 5.4 | 2.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | UJ | n | 5.4 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | HEXACHLOROBUTADIENE | 8270C | 2.3 | ug/l | UJ | n | 11 | 2.3 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | HEXACHLOROETHANE | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ISOPHORONE | 8270C | 1.7 | ug/l | UJ | n | 5.4 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | NITROBENZENE | 8270C | 1.7 | ug/l | UJ | n | 5.4 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.6 | ug/l | UJ | n | 16 | 4.6 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.8 | ug/l | UJ | n | 5.4 | 1.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | UJ | n | 11 | 1.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BUTYL BENZYL PHTHALATE | 8270C | 0.73 | ug/l | UJ | n | 5.4 | 0.73 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DI-N-BUTYLPHTHALATE | 8270C | 0.54 | ug/l | UJ | n | 5.4 | 0.54 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DI-N-OCTYLPHTHALATE | 8270C | 0.59 | ug/l | UJ | n | 5.4 | 0.59 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | UJ | n | 5.4 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DIMETHYL PHTHALATE | 8270C | 1.8 | ug/l | UJ | n | 5.4 | 1.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4-CHLOROANILINE | 8270C | 1.6 | ug/l | UJ | n | 5.4 | 1.6 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-NITROANILINE | 8270C | 1.2 | ug/l | UJ | n | 5.4 | 1.2 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 3-NITROANILINE | 8270C | 1.2 | ug/l | UJ | n | 5.4 | 1.2 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4-NITROANILINE | 8270C | 1.4 | ug/l | UJ | n | 7.6 | 1.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DIBENZOFURAN | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | UJ | n | 5.4 | 1.3 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | UJ | n | 5.4 | 1.6 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | UJ | n | 6.5 | 1.9 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4-DICHLOROPHENOL | 8270C | 2.3 | ug/l | UJ | n | 11 | 2.3 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4-DIMETHYLPHENOL | 8270C | 3.3 | ug/l | UJ | n | 11 | 3.3 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | UJ | n | 22 | 2.5 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4-NITROPHENOL | 8270C | 1.8 | ug/l | UJ | n | 11 | 1.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | UJ | n | 22 | 1.1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 4,6-DINITRO-O-CRESOL | 8270C | 1.6 | ug/l | UJ | n | 22 | 1.6 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | PENTACHLOROPHENOL | 8270C | 1.7 | ug/l | UJ | n | 22 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | PHENOL | 8270C | 1.3 | ug/l | UJ | n | 7.6 | 1.3 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | UJ | n | 6.5 | 1.6 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.7 | ug/l | UJ | n | 6.5 | 1.7 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | UJ | n | 5.4 | 1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZOIC ACID | 8270C | 1.1 | ug/l | UJ | n | 54 | 1.1 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CARBAZOLE | 8270C | 1.8 | ug/l | UJ | n | 5.4 | 1.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ACENAPHTHENE | 8270C-SIM | 0.18 | ug/l | J | y | 0.22 | 0.048 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.059 | ug/l | UJ | n | 0.22 | 0.059 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | FLUORANTHENE | 8270C-SIM | 0.087 | ug/l | J | y | 0.22 | 0.043 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | NAPHTHALENE | 8270C-SIM | 0.054 | ug/l | UJ | n | 0.22 | 0.054 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.22 | 0.041 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZO(A)PYRENE | 8270C-SIM | 0.043 | ug/l | U | n | 0.22 | 0.043 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CHRYSENE | 8270C-SIM | 0.046 | ug/l | J | y | 0.22 | 0.037 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ACENAPHTHYLENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.22 | 0.05 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ANTHRACENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.22 | 0.053 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.091 | ug/l | J | y | 0.27 | 0.053 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | FLUORENE | 8270C-SIM | 0.083 | ug/l | J | y | 0.22 | 0.038 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | PHENANTHRENE | 8270C-SIM | 0.055 | ug/l | J | y | 0.22 | 0.034 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.077 | ug/l | J | y | 0.22 | 0.059 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.1 | ug/l | J | y | 0.22 | 0.037 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | PYRENE | 8270C-SIM | 0.079 | ug/l | J | y | 0.22 | 0.05 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.039 | ug/l | UJ | n | 0.22 | 0.039 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | ALKALINITY, TOTAL | 2320B | 53 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SOLIDS, TOTAL DISSOLVED | 2540C | 190 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SOLIDS, TOTAL SUSPENDED | 2540D | 96 | mg/l | | y | 10 | | 2 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CHLORIDE | 9251 | 85 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | SULFATE | 9038 | 14 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | CHEMICAL OXYGEN DEMAND | 5220D | 68 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | TOTAL ORGANIC CARBON | 9060 | 6 | mg/l | | y | 2 | 0.19 | 4 |
| 2-SW19-04 | 7-Dec-05 | Water | L0514937-03 | HARDNESS | 2340B | 61 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ALKALINITY, TOTAL | 2320B | 53 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SOLIDS, TOTAL DISSOLVED | 2540C | 190 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SOLIDS, TOTAL SUSPENDED | 2540D | 170 | mg/l | | y | 10 | | 2 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CHLORIDE | 9251 | 80 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SULFATE | 9038 | 13 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CHEMICAL OXYGEN DEMAND | 5220D | 77 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | TOTAL ORGANIC CARBON | 9060 | 6.2 | mg/l | | y | 2 | 0.19 | 4 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | HARDNESS | 2340B | 62 | mg/l | | y | 1.7 | 0.021 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ALUMINUM, TOTAL | 6010B | 0.36 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ANTIMONY, TOTAL | 6020A | 0.00062 | mg/l | J | y | 0.001 | 0.000022 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ARSENIC, TOTAL | 6020A | 0.0019 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BARIUM, TOTAL | 6010B | 0.06 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BERYLLIUM, TOTAL | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CADMIUM, TOTAL | 6020A | 0.00015 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CALCIUM, TOTAL | 6010B | 19 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CHROMIUM, TOTAL | 6020A | 0.0015 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | COBALT, TOTAL | 6020A | 0.00071 | mg/l | J | y | 0.001 | 0.000017 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | COPPER, TOTAL | 6020A | 0.0116 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | IRON, TOTAL | 6010B | 26 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | LEAD, TOTAL | 6020A | 0.0046 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MAGNESIUM, TOTAL | 6010B | 3.4 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MANGANESE, TOTAL | 6010B | 0.17 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MOLYBDENUM, TOTAL | 6020A | 0.0004 | mg/l | J | y | 0.002 | 0.00003 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | NICKEL, TOTAL | 6020A | 0.0052 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | POTASSIUM, TOTAL | 6010B | 5.3 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SELENIUM, TOTAL | 6020A | 0.0004 | mg/l | U | y | 0.001 | 0.000298 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SILVER, TOTAL | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SODIUM, TOTAL | 6010B | 51 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | VANADIUM, TOTAL | 6020A | 0.0128 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ZINC, TOTAL | 6020A | 0.0902 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ALUMINUM, DISSOLVED | 6010B | 0.019 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ANTIMONY, DISSOLVED | 6020A | 0.00024 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ARSENIC, DISSOLVED | 6020A | 0.00015 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BARIUM, DISSOLVED | 6010B | 0.04 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.0002 | 0.000034 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CALCIUM, DISSOLVED | 6010B | 18 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CHROMIUM, DISSOLVED | 6020A | 0.00024 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | COBALT, DISSOLVED | 6020A | 0.00027 | mg/l | U | y | 0.001 | 0.000017 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | COPPER, DISSOLVED | 6020A | 0.00049 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | IRON, DISSOLVED | 6010B | 0.04 | mg/l | J | y | 0.05 | 0.0099 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | LEAD, DISSOLVED | 6020A | 0.00012 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MAGNESIUM, DISSOLVED | 6010B | 3.1 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MANGANESE, DISSOLVED | 6010B | 0.13 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | MOLYBDENUM, DISSOLVED | 6020A | 0.00006 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | NICKEL, DISSOLVED | 6020A | 0.0013 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | POTASSIUM, DISSOLVED | 6010B | 4.5 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | SODIUM, DISSOLVED | 6010B | 49 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | VANADIUM, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ZINC, DISSOLVED | 6020A | 0.0199 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.3 | 1.3 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.3 | 1.4 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.3 | 1.1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.7 | ug/l | U | n | 53 | 2.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4-DINITROTOLUENE | 8270C | 0.5 | ug/l | U | n | 6.3 | 0.5 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.3 | ug/l | U | n | 5.3 | 2.3 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ISOPHORONE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | NITROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.4 | ug/l | U | n | 16 | 4.4 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BUTYL BENZYL PHTHALATE | 8270C | 0.7 | ug/l | U | n | 5.3 | 0.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DI-N-BUTYLPHTHALATE | 8270C | 0.53 | ug/l | U | n | 5.3 | 0.53 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DI-N-OCTYLPHTHALATE | 8270C | 0.57 | ug/l | U | n | 5.3 | 0.57 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DIMETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.3 | 1.5 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.3 | 1.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.4 | 1.4 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DIBENZOFURAN | 8270C | 0.97 | ug/l | U | n | 5.3 | 0.97 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.3 | 1.3 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.3 | 1.6 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | U | n | 6.3 | 1.9 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4-DIMETHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 10 | 3.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | U | n | 21 | 2.5 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.4 | 1.2 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.3 | 1.6 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.7 | ug/l | U | n | 6.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | U | n | 5.3 | 1 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 53 | 1 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CARBAZOLE | 8270C | 1.7 | ug/l | U | n | 5.3 | 1.7 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ACENAPHTHENE | 8270C-SIM | 0.21 | ug/l | | y | 0.21 | 0.046 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.057 | ug/l | U | n | 0.21 | 0.057 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | FLUORANTHENE | 8270C-SIM | 0.069 | ug/l | J | y | 0.21 | 0.042 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | NAPHTHALENE | 8270C-SIM | 0.085 | ug/l | J | y | 0.21 | 0.053 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.21 | 0.04 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZO(A)PYRENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.21 | 0.042 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.21 | 0.053 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.21 | 0.038 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | CHRYSENE | 8270C-SIM | 0.036 | ug/l | UJ | n | 0.21 | 0.036 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ACENAPHTHYLENE | 8270C-SIM | 0.048 | ug/l | U | n | 0.21 | 0.048 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | ANTHRACENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.052 | ug/l | UJ | n | 0.26 | 0.052 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | FLUORENE | 8270C-SIM | 0.1 | ug/l | J | y | 0.21 | 0.037 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | PHENANTHRENE | 8270C-SIM | 0.062 | ug/l | J | y | 0.21 | 0.033 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.057 | ug/l | UJ | n | 0.21 | 0.057 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.036 | ug/l | UJ | n | 0.21 | 0.036 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | PYRENE | 8270C-SIM | 0.061 | ug/l | J | y | 0.21 | 0.048 | 1 |
| 2-SW1207 | 7-Dec-05 | Water | L0514937-04 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.04 | ug/l | J | y | 0.21 | 0.038 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ACENAPHTHENE | 8270C-SIM | 0.26 | ug/l | | y | 0.21 | 0.045 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.21 | 0.056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | FLUORANTHENE | 8270C-SIM | 8.9 | ug/l | | y | 0.21 | 0.041 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | NAPHTHALENE | 8270C-SIM | 0.088 | ug/l | J | y | 0.21 | 0.052 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZO(A)ANTHRACENE | 8270C-SIM | 3.7 | ug/l | | y | 0.21 | 0.039 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZO(A)PYRENE | 8270C-SIM | 3.4 | ug/l | | y | 0.21 | 0.041 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZO(B)FLUORANTHENE | 8270C-SIM | 5.7 | ug/l | | y | 0.21 | 0.052 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZO(K)FLUORANTHENE | 8270C-SIM | 2.9 | ug/l | | y | 0.21 | 0.037 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CHRYSENE | 8270C-SIM | 3.7 | ug/l | | y | 0.21 | 0.035 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ACENAPHTHYLENE | 8270C-SIM | 0.33 | ug/l | | y | 0.21 | 0.047 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ANTHRACENE | 8270C-SIM | 1.2 | ug/l | | y | 0.21 | 0.05 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZO(GHI)PERYLENE | 8270C-SIM | 2.2 | ug/l | | y | 0.26 | 0.05 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | FLUORENE | 8270C-SIM | 0.3 | ug/l | | y | 0.21 | 0.036 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | PHENANTHRENE | 8270C-SIM | 3.4 | ug/l | | y | 0.21 | 0.032 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.66 | ug/l | | y | 0.21 | 0.056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 2.4 | ug/l | | y | 0.21 | 0.035 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | PYRENE | 8270C-SIM | 7.4 | ug/l | | y | 0.21 | 0.047 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.059 | ug/l | J | y | 0.21 | 0.037 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ALKALINITY, TOTAL | 2320B | 130 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SOLIDS, TOTAL DISSOLVED | 2540C | 480 | mg/l | | y | 10 | 2.8 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SOLIDS, TOTAL SUSPENDED | 2540D | 900 | mg/l | | y | 25 | | 5 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CHLORIDE | 9251 | 210 | mg/l | | y | 10 | 0.36 | 10 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SULFATE | 9038 | 14 | mg/l | | y | 10 | 1.4 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CHEMICAL OXYGEN DEMAND | 5220D | 220 | mg/l | | y | 20 | 5.5 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | TOTAL ORGANIC CARBON | 9060 | 13 | mg/l | | y | 5 | 0.48 | 10 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | HARDNESS | 2340B | 130 | mg/l | | y | 1.7 | 0.021 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ALUMINUM, TOTAL | 6010B | 6.5 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ANTIMONY, TOTAL | 6020A | 0.0028 | mg/l | | y | 0.001 | 0.000022 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ARSENIC, TOTAL | 6020A | 0.0051 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BARIUM, TOTAL | 6010B | 0.09 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CADMIUM, TOTAL | 6020A | 0.0005 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CALCIUM, TOTAL | 6010B | 33 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CHROMIUM, TOTAL | 6020A | 0.0091 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | COBALT, TOTAL | 6020A | 0.0049 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | COPPER, TOTAL | 6020A | 0.0342 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | IRON, TOTAL | 6010B | 30 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | LEAD, TOTAL | 6020A | 0.0719 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MAGNESIUM, TOTAL | 6010B | 12 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MANGANESE, TOTAL | 6010B | 1.7 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MERCURY, TOTAL | 7470A | 0.00012 | mg/l | J | y | 0.0002 | 0.000014 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MOLYBDENUM, TOTAL | 6020A | ND | mg/l | | y | 0.002 | 0.00003 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | NICKEL, TOTAL | 6020A | 0.0061 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | POTASSIUM, TOTAL | 6010B | 10 | mg/l | | y | 2.5 | 0.056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SELENIUM, TOTAL | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000298 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SILVER, TOTAL | 6020A | 0.00022 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SODIUM, TOTAL | 6010B | 120 | mg/l | | y | 2 | 0.076 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | THALLIUM, TOTAL | 6020A | 0.00011 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | VANADIUM, TOTAL | 6020A | 0.0188 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ZINC, TOTAL | 6020A | 0.1542 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ALUMINUM, DISSOLVED | 6010B | 0.022 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ANTIMONY, DISSOLVED | 6020A | 0.00033 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ARSENIC, DISSOLVED | 6020A | 0.00033 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BARIUM, DISSOLVED | 6010B | 0.04 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CADMIUM, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CALCIUM, DISSOLVED | 6010B | 30 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CHROMIUM, DISSOLVED | 6020A | 0.00034 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | COBALT, DISSOLVED | 6020A | 0.0015 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | COPPER, DISSOLVED | 6020A | 0.00092 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | IRON, DISSOLVED | 6010B | 0.0099 | mg/l | U | n | 0.05 | 0.0099 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | LEAD, DISSOLVED | 6020A | 0.00013 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MAGNESIUM, DISSOLVED | 6010B | 11 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MANGANESE, DISSOLVED | 6010B | 1.2 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | MOLYBDENUM, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | NICKEL, DISSOLVED | 6020A | 0.00056 | mg/l | J | y | 0.001 | 0.000024 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | POTASSIUM, DISSOLVED | 6010B | 8.9 | mg/l | | y | 2.5 | 0.056 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SELENIUM, DISSOLVED | 6020A | 0.0006 | mg/l | U | y | 0.001 | 0.000298 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | SODIUM, DISSOLVED | 6010B | 120 | mg/l | | y | 2 | 0.076 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | THALLIUM, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000026 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | VANADIUM, DISSOLVED | 6020A | 0.00011 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ZINC, DISSOLVED | 6020A | 0.0177 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.2 | 1.3 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.2 | 1.4 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 1,4-DICHLOROBENZENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 52 | 2.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4-DINITROTOLUENE | 8270C | 0.49 | ug/l | U | n | 6.2 | 0.49 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,6-DINITROTOLUENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5.2 | 2.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.4 | ug/l | U | n | 15 | 4.4 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.2 | 1.7 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | J | y | 10 | 1.7 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BUTYL BENZYL PHTHALATE | 8270C | 0.69 | ug/l | U | n | 5.2 | 0.69 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DI-N-BUTYLPHTHALATE | 8270C | 0.52 | ug/l | U | n | 5.2 | 0.52 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DI-N-OCTYLPHTHALATE | 8270C | 0.56 | ug/l | U | n | 5.2 | 0.56 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.2 | 1.5 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.2 | 1.3 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | DIBENZOFURAN | 8270C | 0.95 | ug/l | U | n | 5.2 | 0.95 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5.2 | 1.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5.2 | 1.5 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.2 | 1.8 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4-DIMETHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 10 | 3.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 21 | 2.4 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.2 | 1.2 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 52 | 1 | 1 |
| 3-SP01-04 | 6-Dec-05 | Water | L0514937-05 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ALKALINITY, TOTAL | 2320B | 22 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SOLIDS, TOTAL DISSOLVED | 2540C | 160 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SOLIDS, TOTAL SUSPENDED | 2540D | 47 | mg/l | | y | 5 | | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CHLORIDE | 9251 | 68 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SULFATE | 9038 | 20 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CHEMICAL OXYGEN DEMAND | 5220D | 43 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | TOTAL ORGANIC CARBON | 9060 | 4.8 | mg/l | | y | 2 | 0.19 | 4 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | HARDNESS | 2340B | 36 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ALUMINUM, TOTAL | 6010B | 0.22 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ANTIMONY, TOTAL | 6020A | 0.00021 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ARSENIC, TOTAL | 6020A | 0.00056 | mg/l | J | y | 0.001 | 0.000034 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BARIUM, TOTAL | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CADMIUM, TOTAL | 6020A | 0.00006 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CALCIUM, TOTAL | 6010B | 9.8 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CHROMIUM, TOTAL | 6020A | 0.0011 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | COBALT, TOTAL | 6020A | 0.00045 | mg/l | J | y | 0.001 | 0.000017 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | COPPER, TOTAL | 6020A | 0.0027 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | IRON, TOTAL | 6010B | 1.9 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | LEAD, TOTAL | 6020A | 0.0016 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MAGNESIUM, TOTAL | 6010B | 2.8 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MANGANESE, TOTAL | 6010B | 0.11 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MOLYBDENUM, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | NICKEL, TOTAL | 6020A | 0.0016 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | POTASSIUM, TOTAL | 6010B | 4.4 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SELENIUM, TOTAL | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SILVER, TOTAL | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SODIUM, TOTAL | 6010B | 44 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | THALLIUM, TOTAL | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | VANADIUM, TOTAL | 6020A | 0.0016 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ZINC, TOTAL | 6020A | 0.0349 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ALUMINUM, DISSOLVED | 6010B | 0.023 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ANTIMONY, DISSOLVED | 6020A | 0.00018 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ARSENIC, DISSOLVED | 6020A | 0.00034 | mg/l | U | y | 0.001 | 0.000034 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BARIUM, DISSOLVED | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CADMIUM, DISSOLVED | 6020A | 0.00005 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CALCIUM, DISSOLVED | 6010B | 9.4 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CHROMIUM, DISSOLVED | 6020A | 0.00025 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | COBALT, DISSOLVED | 6020A | 0.00018 | mg/l | U | y | 0.001 | 0.000017 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | COPPER, DISSOLVED | 6020A | 0.0008 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | IRON, DISSOLVED | 6010B | 0.38 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | LEAD, DISSOLVED | 6020A | 0.00021 | mg/l | U | y | 0.0005 | 0.000028 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MAGNESIUM, DISSOLVED | 6010B | 2.7 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MANGANESE, DISSOLVED | 6010B | 0.06 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | MOLYBDENUM, DISSOLVED | 6020A | 0.00003 | mg/l | U | n | 0.002 | 0.00003 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | NICKEL, DISSOLVED | 6020A | 0.00074 | mg/l | J | y | 0.001 | 0.000024 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | POTASSIUM, DISSOLVED | 6010B | 3.8 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | SODIUM, DISSOLVED | 6010B | 41 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | VANADIUM, DISSOLVED | 6020A | 0.00028 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ZINC, DISSOLVED | 6020A | 0.0187 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.2 | 1.3 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.2 | 1.4 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 1,4-DICHLOROBENZENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 52 | 2.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4-DINITROTOLUENE | 8270C | 0.49 | ug/l | U | n | 6.2 | 0.49 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,6-DINITROTOLUENE | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5.2 | 2.2 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.2 | 1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.4 | ug/l | U | n | 15 | 4.4 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.2 | 1.7 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BUTYL BENZYL PHTHALATE | 8270C | 0.69 | ug/l | U | n | 5.2 | 0.69 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DI-N-BUTYLPHTHALATE | 8270C | 0.52 | ug/l | U | n | 5.2 | 0.52 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DI-N-OCTYLPHTHALATE | 8270C | 0.56 | ug/l | U | n | 5.2 | 0.56 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.2 | 1.5 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.2 | 1.1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.2 | 1.3 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DIBENZOFURAN | 8270C | 0.95 | ug/l | U | n | 5.2 | 0.95 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5.2 | 1.2 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5.2 | 1.5 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.2 | 1.8 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4-DIMETHYLPHENOL | 8270C | 3.2 | ug/l | U | n | 10 | 3.2 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 21 | 2.4 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 21 | 1.1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 21 | 1.5 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 21 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.2 | 1.2 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.99 | ug/l | U | n | 5.2 | 0.99 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 52 | 1 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5.2 | 1.6 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ACENAPHTHENE | 8270C-SIM | 0.045 | ug/l | U | n | 0.21 | 0.045 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.21 | 0.056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | FLUORANTHENE | 8270C-SIM | 0.052 | ug/l | J | y | 0.21 | 0.041 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | NAPHTHALENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.21 | 0.039 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZO(A)PYRENE | 8270C-SIM | 0.041 | ug/l | U | n | 0.21 | 0.041 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.052 | ug/l | U | n | 0.21 | 0.052 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | CHRYSENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.21 | 0.035 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ACENAPHTHYLENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.21 | 0.047 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | ANTHRACENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.21 | 0.05 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.05 | ug/l | U | n | 0.26 | 0.05 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | FLUORENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.21 | 0.036 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | PHENANTHRENE | 8270C-SIM | 0.032 | ug/l | U | n | 0.21 | 0.032 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.21 | 0.056 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.035 | ug/l | U | n | 0.21 | 0.035 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | PYRENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.21 | 0.047 | 1 |
| 2-SW21-04 | 7-Dec-05 | Water | L0514937-06 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.21 | 0.037 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ALKALINITY, TOTAL | 2320B | 47 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SOLIDS, TOTAL DISSOLVED | 2540C | 230 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SOLIDS, TOTAL SUSPENDED | 2540D | 320 | mg/l | | y | 25 | | 5 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CHLORIDE | 9251 | 93 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SULFATE | 9038 | 7.3 | mg/l | J | y | 10 | 1.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CHEMICAL OXYGEN DEMAND | 5220D | 330 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | TOTAL ORGANIC CARBON | 9060 | 11 | mg/l | | y | 5 | 0.48 | 10 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | HARDNESS | 2340B | 59 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ALUMINUM, TOTAL | 6010B | 1.3 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ANTIMONY, TOTAL | 6020A | 0.0019 | mg/l | | y | 0.001 | 0.000022 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ARSENIC, TOTAL | 6020A | 0.017 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BARIUM, TOTAL | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BERYLLIUM, TOTAL | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CADMIUM, TOTAL | 6020A | 0.0006 | mg/l | | y | 0.0002 | 0.000034 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CALCIUM, TOTAL | 6010B | 18 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CHROMIUM, TOTAL | 6020A | 0.0043 | mg/l | | y | 0.001 | 0.000031 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | COBALT, TOTAL | 6020A | 0.002 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | COPPER, TOTAL | 6020A | 0.0347 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | IRON, TOTAL | 6010B | 38 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | LEAD, TOTAL | 6020A | 0.0193 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MAGNESIUM, TOTAL | 6010B | 3.6 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MANGANESE, TOTAL | 6010B | 0.32 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MERCURY, TOTAL | 7470A | 0.00005 | mg/l | J | y | 0.0002 | 0.000014 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MOLYBDENUM, TOTAL | 6020A | ND | mg/l | | y | 0.002 | 0.00003 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | NICKEL, TOTAL | 6020A | 0.0168 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | POTASSIUM, TOTAL | 6010B | 4.6 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SELENIUM, TOTAL | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000298 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SILVER, TOTAL | 6020A | 0.00008 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SODIUM, TOTAL | 6010B | 61 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | THALLIUM, TOTAL | 6020A | 0.00006 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | VANADIUM, TOTAL | 6020A | 0.0178 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ZINC, TOTAL | 6020A | 0.3489 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ALUMINUM, DISSOLVED | 6010B | 0.041 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ANTIMONY, DISSOLVED | 6020A | 0.00027 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ARSENIC, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BARIUM, DISSOLVED | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CADMIUM, DISSOLVED | 6020A | 0.00004 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CALCIUM, DISSOLVED | 6010B | 14 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CHROMIUM, DISSOLVED | 6020A | 0.00088 | mg/l | J | y | 0.001 | 0.000031 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | COBALT, DISSOLVED | 6020A | 0.00071 | mg/l | J | y | 0.001 | 0.000017 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | COPPER, DISSOLVED | 6020A | 0.0013 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | IRON, DISSOLVED | 6010B | 4 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | LEAD, DISSOLVED | 6020A | 0.00042 | mg/l | J | y | 0.0005 | 0.000028 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MAGNESIUM, DISSOLVED | 6010B | 2.9 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MANGANESE, DISSOLVED | 6010B | 0.19 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | MOLYBDENUM, DISSOLVED | 6020A | 0.00006 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | NICKEL, DISSOLVED | 6020A | 0.0031 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | POTASSIUM, DISSOLVED | 6010B | 3.6 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SILVER, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | SODIUM, DISSOLVED | 6010B | 56 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | VANADIUM, DISSOLVED | 6020A | 0.0008 | mg/l | J | y | 0.001 | 0.00003 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ZINC, DISSOLVED | 6020A | 0.037 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | U | n | 5.6 | 1.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | HEXACHLOROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.5 | ug/l | U | n | 5.6 | 1.5 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 1,3-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 1,4-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.8 | ug/l | U | n | 56 | 2.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4-DINITROTOLUENE | 8270C | 0.53 | ug/l | U | n | 6.7 | 0.53 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,6-DINITROTOLUENE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.4 | ug/l | U | n | 5.6 | 2.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | HEXACHLOROBUTADIENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | HEXACHLOROETHANE | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ISOPHORONE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | NITROBENZENE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.7 | ug/l | U | n | 17 | 4.7 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BUTYL BENZYL PHTHALATE | 8270C | 0.74 | ug/l | U | n | 5.6 | 0.74 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DI-N-BUTYLPHTHALATE | 8270C | 0.56 | ug/l | U | n | 5.6 | 0.56 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DI-N-OCTYLPHTHALATE | 8270C | 0.6 | ug/l | U | n | 5.6 | 0.6 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DIETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DIMETHYL PHTHALATE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4-CHLOROANILINE | 8270C | 1.6 | ug/l | UJ | n | 5.6 | 1.6 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.6 | 1.2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.8 | 1.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DIBENZOFURAN | 8270C | 1 | ug/l | U | n | 5.6 | 1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.6 | 1.3 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.6 | 1.6 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-CHLOROPHENOL | 8270C | 2 | ug/l | U | n | 6.7 | 2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4-DICHLOROPHENOL | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4-DIMETHYLPHENOL | 8270C | 3.4 | ug/l | U | n | 11 | 3.4 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-NITROPHENOL | 8270C | 2.6 | ug/l | U | n | 22 | 2.6 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4-NITROPHENOL | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4-DINITROPHENOL | 8270C | 1.2 | ug/l | U | n | 22 | 1.2 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 4,6-DINITRO-O-CRESOL | 8270C | 1.6 | ug/l | U | n | 22 | 1.6 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | PENTACHLOROPHENOL | 8270C | 1.7 | ug/l | U | n | 22 | 1.7 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | PHENOL | 8270C | 1.3 | ug/l | U | n | 7.8 | 1.3 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-METHYLPHENOL | 8270C | 1.7 | ug/l | U | n | 6.7 | 1.7 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.8 | ug/l | U | n | 6.7 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2,4,5-TRICHLOROPHENOL | 8270C | 1.1 | ug/l | U | n | 5.6 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZOIC ACID | 8270C | 1.1 | ug/l | UJ | n | 56 | 1.1 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CARBAZOLE | 8270C | 1.8 | ug/l | U | n | 5.6 | 1.8 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ACENAPHTHENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.22 | 0.049 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.06 | ug/l | U | n | 0.22 | 0.06 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | FLUORANTHENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.22 | 0.044 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | NAPHTHALENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.22 | 0.056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.042 | ug/l | U | n | 0.22 | 0.042 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZO(A)PYRENE | 8270C-SIM | 0.044 | ug/l | U | n | 0.22 | 0.044 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.056 | ug/l | U | n | 0.22 | 0.056 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.22 | 0.04 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | CHRYSENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.22 | 0.038 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ACENAPHTHYLENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.22 | 0.051 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | ANTHRACENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.28 | 0.054 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | FLUORENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | PHENANTHRENE | 8270C-SIM | 0.034 | ug/l | U | n | 0.22 | 0.034 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.06 | ug/l | U | n | 0.22 | 0.06 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.22 | 0.038 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | PYRENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.22 | 0.051 | 1 |
| 2-SW22-04 | 8-Dec-05 | Water | L0514937-08 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.04 | ug/l | U | n | 0.22 | 0.04 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.7 | ug/l | U | n | 5.1 | 1.7 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 4.6 | ug/l | J | y | 10 | 1.7 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BUTYL BENZYL PHTHALATE | 8270C | 0.68 | ug/l | U | n | 5.1 | 0.68 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DI-N-BUTYLPHTHALATE | 8270C | 0.51 | ug/l | U | n | 5.1 | 0.51 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DI-N-OCTYLPHTHALATE | 8270C | 0.55 | ug/l | U | n | 5.1 | 0.55 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DIETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DIMETHYL PHTHALATE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4-CHLOROANILINE | 8270C | 1.4 | ug/l | UJ | n | 5.1 | 1.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 3-NITROANILINE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4-NITROANILINE | 8270C | 1.3 | ug/l | U | n | 7.1 | 1.3 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DIBENZOFURAN | 8270C | 0.94 | ug/l | U | n | 5.1 | 0.94 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.2 | ug/l | U | n | 5.1 | 1.2 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | P-CHLORO-M-CRESOL | 8270C | 1.5 | ug/l | U | n | 5.1 | 1.5 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-CHLOROPHENOL | 8270C | 1.8 | ug/l | U | n | 6.1 | 1.8 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4-DICHLOROPHENOL | 8270C | 2.1 | ug/l | U | n | 10 | 2.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4-DIMETHYLPHENOL | 8270C | 3.1 | ug/l | U | n | 10 | 3.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-NITROPHENOL | 8270C | 2.4 | ug/l | U | n | 20 | 2.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4-NITROPHENOL | 8270C | 1.7 | ug/l | U | n | 10 | 1.7 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 20 | 1.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4,6-DINITRO-O-CRESOL | 8270C | 1.4 | ug/l | U | n | 20 | 1.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | PENTACHLOROPHENOL | 8270C | 1.6 | ug/l | U | n | 20 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | PHENOL | 8270C | 1.2 | ug/l | U | n | 7.1 | 1.2 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4,5-TRICHLOROPHENOL | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZOIC ACID | 8270C | 1 | ug/l | UJ | n | 51 | 1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CARBAZOLE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ACENAPHTHENE | 8270C-SIM | 0.045 | ug/l | U | n | 0.2 | 0.045 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.055 | ug/l | U | n | 0.2 | 0.055 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | FLUORANTHENE | 8270C-SIM | 1.1 | ug/l | | y | 0.2 | 0.041 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | NAPHTHALENE | 8270C-SIM | 0.051 | ug/l | U | n | 0.2 | 0.051 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.28 | ug/l | | y | 0.2 | 0.039 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZO(A)PYRENE | 8270C-SIM | 0.42 | ug/l | | y | 0.2 | 0.041 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.78 | ug/l | | y | 0.2 | 0.051 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.51 | ug/l | | y | 0.2 | 0.037 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CHRYSENE | 8270C-SIM | 0.54 | ug/l | | y | 0.2 | 0.035 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ACENAPHTHYLENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.2 | 0.047 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ANTHRACENE | 8270C-SIM | 0.073 | ug/l | J | y | 0.2 | 0.05 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.37 | ug/l | | y | 0.26 | 0.05 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | FLUORENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.2 | 0.036 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | PHENANTHRENE | 8270C-SIM | 0.32 | ug/l | | y | 0.2 | 0.032 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.1 | ug/l | J | y | 0.2 | 0.055 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.37 | ug/l | | y | 0.2 | 0.035 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | PYRENE | 8270C-SIM | 0.86 | ug/l | | y | 0.2 | 0.047 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.037 | ug/l | U | n | 0.2 | 0.037 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ALKALINITY, TOTAL | 2320B | 20 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SOLIDS, TOTAL DISSOLVED | 2540C | 330 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SOLIDS, TOTAL SUSPENDED | 2540D | 3900 | mg/l | | y | 100 | | 20 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CHLORIDE | 9251 | 160 | mg/l | | y | 10 | 0.36 | 10 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SULFATE | 9038 | 23 | mg/l | | y | 10 | 1.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CHEMICAL OXYGEN DEMAND | 5220D | 880 | mg/l | | y | 20 | 5.5 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | TOTAL ORGANIC CARBON | 9060 | 40 | mg/l | | y | 5 | 0.48 | 10 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | HARDNESS | 2340B | 100 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ALUMINUM, TOTAL | 6010B | 20 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ANTIMONY, TOTAL | 6020A | 0.0015 | mg/l | | y | 0.001 | 0.000022 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ARSENIC, TOTAL | 6020A | 0.1274 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BARIUM, TOTAL | 6010B | 0.46 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BERYLLIUM, TOTAL | 6010B | 0.0001 | mg/l | U | n | 0.005 | 0.0001 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CADMIUM, TOTAL | 6020A | 0.0013 | mg/l | | y | 0.0002 | 0.000034 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CALCIUM, TOTAL | 6010B | 20 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CHROMIUM, TOTAL | 6020A | 0.037 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | COBALT, TOTAL | 6020A | 0.0526 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | COPPER, TOTAL | 6020A | 0.1437 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | IRON, TOTAL | 6010B | 350 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | LEAD, TOTAL | 6020A | 0.102 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MAGNESIUM, TOTAL | 6010B | 13 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MANGANESE, TOTAL | 6010B | 3.6 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MERCURY, TOTAL | 7470A | 0.0003 | mg/l | J | y | 0.0002 | 0.000014 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MOLYBDENUM, TOTAL | 6020A | 0.0102 | mg/l | | y | 0.002 | 0.00003 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | NICKEL, TOTAL | 6020A | 0.0715 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | POTASSIUM, TOTAL | 6010B | 14 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SELENIUM, TOTAL | 6020A | 0.005 | mg/l | | y | 0.001 | 0.000298 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SILVER, TOTAL | 6020A | 0.00039 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SODIUM, TOTAL | 6010B | 78 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | THALLIUM, TOTAL | 6020A | 0.00037 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | VANADIUM, TOTAL | 6020A | 0.0832 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ZINC, TOTAL | 6020A | 0.6737 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ALUMINUM, DISSOLVED | 6010B | 0.029 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ANTIMONY, DISSOLVED | 6020A | 0.00014 | mg/l | U | y | 0.001 | 0.000022 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ARSENIC, DISSOLVED | 6020A | 0.001 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BARIUM, DISSOLVED | 6010B | 0.07 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.0002 | 0.000034 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CALCIUM, DISSOLVED | 6010B | 14 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | CHROMIUM, DISSOLVED | 6020A | 0.00043 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | COBALT, DISSOLVED | 6020A | 0.0161 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | COPPER, DISSOLVED | 6020A | 0.00077 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | IRON, DISSOLVED | 6010B | 32 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | LEAD, DISSOLVED | 6020A | 0.00012 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MAGNESIUM, DISSOLVED | 6010B | 7 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MANGANESE, DISSOLVED | 6010B | 2.2 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | MOLYBDENUM, DISSOLVED | 6020A | 0.00046 | mg/l | U | y | 0.002 | 0.00003 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | NICKEL, DISSOLVED | 6020A | 0.0083 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | POTASSIUM, DISSOLVED | 6010B | 8.8 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SELENIUM, DISSOLVED | 6020A | 0.0005 | mg/l | U | y | 0.001 | 0.000298 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | SODIUM, DISSOLVED | 6010B | 73 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | THALLIUM, DISSOLVED | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | VANADIUM, DISSOLVED | 6020A | 0.00022 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ZINC, DISSOLVED | 6020A | 0.0401 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.3 | ug/l | U | n | 5.1 | 1.3 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | HEXACHLOROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.1 | 1.4 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 1,2-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.1 | 1.1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 1,4-DICHLOROBENZENE | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.6 | ug/l | U | n | 51 | 2.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,4-DINITROTOLUENE | 8270C | 0.49 | ug/l | U | n | 6.1 | 0.49 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 2,6-DINITROTOLUENE | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 0.98 | ug/l | U | n | 5.1 | 0.98 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.1 | 1 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.2 | ug/l | U | n | 5.1 | 2.2 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | HEXACHLOROBUTADIENE | 8270C | 2.2 | ug/l | U | n | 10 | 2.2 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | HEXACHLOROETHANE | 8270C | 0.99 | ug/l | U | n | 5.1 | 0.99 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | ISOPHORONE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | NITROBENZENE | 8270C | 1.6 | ug/l | U | n | 5.1 | 1.6 | 1 |
| 2-SW24-04 | 8-Dec-05 | Water | L0514937-09 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.3 | ug/l | U | n | 15 | 4.3 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ALKALINITY, TOTAL | 2320B | 21 | mg CaCO3/L | | y | 2 | 0.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SOLIDS, TOTAL DISSOLVED | 2540C | 79 | mg/l | | y | 10 | 2.8 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SOLIDS, TOTAL SUSPENDED | 2540D | 230 | mg/l | | y | 10 | | 2 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CHLORIDE | 9251 | 25 | mg/l | | y | 1 | 0.36 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SULFATE | 9038 | 5.4 | mg/l | J | y | 10 | 1.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CHEMICAL OXYGEN DEMAND | 5220D | 150 | mg/l | | y | 20 | 5.5 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | TOTAL ORGANIC CARBON | 9060 | 6.5 | mg/l | | y | 2 | 0.19 | 4 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | HARDNESS | 2340B | 30 | mg/l | | y | 1.7 | 0.021 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ALUMINUM, TOTAL | 6010B | 1.1 | mg/l | | y | 0.1 | 0.0065 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ANTIMONY, TOTAL | 6020A | 0.0004 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ARSENIC, TOTAL | 6020A | 0.0019 | mg/l | | y | 0.001 | 0.000034 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CADMIUM, TOTAL | 6020A | 0.0004 | mg/l | U | y | 0.0002 | 0.000034 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CALCIUM, TOTAL | 6010B | 8.3 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CHROMIUM, TOTAL | 6020A | 0.0021 | mg/l | | y | 0.001 | 0.000031 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | COBALT, TOTAL | 6020A | 0.0025 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | COPPER, TOTAL | 6020A | 0.01 | mg/l | | y | 0.001 | 0.000172 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | IRON, TOTAL | 6010B | 8.4 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | LEAD, TOTAL | 6020A | 0.0052 | mg/l | | y | 0.0005 | 0.000028 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MAGNESIUM, TOTAL | 6010B | 2.3 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MANGANESE, TOTAL | 6010B | 0.19 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MERCURY, TOTAL | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MOLYBDENUM, TOTAL | 6020A | 0.00036 | mg/l | J | y | 0.002 | 0.00003 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | NICKEL, TOTAL | 6020A | 0.0097 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | POTASSIUM, TOTAL | 6010B | 2.5 | mg/l | | y | 2.5 | 0.056 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SELENIUM, TOTAL | 6020A | 0.0008 | mg/l | J | y | 0.001 | 0.000298 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SILVER, TOTAL | 6020A | 0.00003 | mg/l | U | y | 0.001 | 0.000025 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SODIUM, TOTAL | 6010B | 16 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | THALLIUM, TOTAL | 6020A | 0.00005 | mg/l | U | y | 0.001 | 0.000026 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | VANADIUM, TOTAL | 6020A | 0.0067 | mg/l | | y | 0.001 | 0.00003 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ZINC, TOTAL | 6020A | 0.6984 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ALUMINUM, DISSOLVED | 6010B | 0.025 | mg/l | J | y | 0.1 | 0.0065 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BARIUM, TOTAL | 6010B | 0.03 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BERYLLIUM, TOTAL | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ANTIMONY, DISSOLVED | 6020A | 0.00017 | mg/l | U | y | 0.001 | 0.000022 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ARSENIC, DISSOLVED | 6020A | 0.00044 | mg/l | J | y | 0.001 | 0.000034 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BARIUM, DISSOLVED | 6010B | 0.02 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BERYLLIUM, DISSOLVED | 6010B | 0.0002 | mg/l | U | y | 0.005 | 0.0001 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CADMIUM, DISSOLVED | 6020A | 0.000034 | mg/l | U | n | 0.0002 | 0.000034 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CALCIUM, DISSOLVED | 6010B | 7.1 | mg/l | | y | 0.1 | 0.0058 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CHROMIUM, DISSOLVED | 6020A | 0.00031 | mg/l | U | y | 0.001 | 0.000031 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | COBALT, DISSOLVED | 6020A | 0.0011 | mg/l | | y | 0.001 | 0.000017 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | COPPER, DISSOLVED | 6020A | 0.00073 | mg/l | J | y | 0.001 | 0.000172 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | IRON, DISSOLVED | 6010B | 0.96 | mg/l | | y | 0.05 | 0.0099 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | LEAD, DISSOLVED | 6020A | 0.00021 | mg/l | U | y | 0.0005 | 0.000028 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MAGNESIUM, DISSOLVED | 6010B | 1.8 | mg/l | | y | 0.1 | 0.0056 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MANGANESE, DISSOLVED | 6010B | 0.13 | mg/l | | y | 0.01 | 0.0002 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MERCURY, DISSOLVED | 7470A | 0.000014 | mg/l | U | n | 0.0002 | 0.000014 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | MOLYBDENUM, DISSOLVED | 6020A | 0.00003 | mg/l | U | n | 0.002 | 0.00003 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | NICKEL, DISSOLVED | 6020A | 0.0028 | mg/l | | y | 0.001 | 0.000024 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | POTASSIUM, DISSOLVED | 6010B | 2 | mg/l | J | y | 2.5 | 0.056 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SELENIUM, DISSOLVED | 6020A | 0.000298 | mg/l | U | n | 0.001 | 0.000298 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SILVER, DISSOLVED | 6020A | 0.000025 | mg/l | U | n | 0.001 | 0.000025 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | SODIUM, DISSOLVED | 6010B | 16 | mg/l | | y | 2 | 0.076 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | THALLIUM, DISSOLVED | 6020A | 0.000026 | mg/l | U | n | 0.001 | 0.000026 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | VANADIUM, DISSOLVED | 6020A | 0.00033 | mg/l | U | y | 0.001 | 0.00003 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ZINC, DISSOLVED | 6020A | 0.1973 | mg/l | | y | 0.005 | 0.000298 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 1,2,4-TRICHLOROBENZENE | 8270C | 1.4 | ug/l | U | n | 5.4 | 1.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | HEXACHLOROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BIS(2-CHLOROETHYL)ETHER | 8270C | 1.4 | ug/l | U | n | 5.4 | 1.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 1,2-DICHLOROBENZENE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 1,3-DICHLOROBENZENE | 8270C | 1.1 | ug/l | U | n | 5.4 | 1.1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 1,4-DICHLOROBENZENE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 3,3'-DICHLOROBENZIDINE | 8270C | 2.7 | ug/l | U | n | 54 | 2.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4-DINITROTOLUENE | 8270C | 0.52 | ug/l | U | n | 6.4 | 0.52 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,6-DINITROTOLUENE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4-CHLOROPHENYL PHENYL ETHER | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4-BROMOPHENYL PHENYL ETHER | 8270C | 1.1 | ug/l | U | n | 5.4 | 1.1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BIS(2-CHLOROISOPROPYL)ETHER | 8270C | 2.4 | ug/l | U | n | 5.4 | 2.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BIS(2-CHLOROETHOXY)METHANE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | HEXACHLOROBUTADIENE | 8270C | 2.3 | ug/l | U | n | 11 | 2.3 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | HEXACHLOROETHANE | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ISOPHORONE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | NITROBENZENE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | NITROSODIPHENYLAMINE(NDPA)/DPA | 8270C | 4.5 | ug/l | U | n | 16 | 4.5 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | N-NITROSODI-N-PROPYLAMINE | 8270C | 1.8 | ug/l | U | n | 5.4 | 1.8 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BIS(2-ETHYLHEXYL)PHTHALATE | 8270C | 1.9 | ug/l | J | y | 11 | 1.8 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BUTYL BENZYL PHTHALATE | 8270C | 0.72 | ug/l | U | n | 5.4 | 0.72 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DI-N-BUTYLPHTHALATE | 8270C | 0.54 | ug/l | U | n | 5.4 | 0.54 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DI-N-OCTYLPHTHALATE | 8270C | 0.58 | ug/l | U | n | 5.4 | 0.58 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DIETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DIMETHYL PHTHALATE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4-CHLOROANILINE | 8270C | 1.5 | ug/l | UJ | n | 5.4 | 1.5 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 3-NITROANILINE | 8270C | 1.2 | ug/l | U | n | 5.4 | 1.2 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4-NITROANILINE | 8270C | 1.4 | ug/l | U | n | 7.5 | 1.4 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DIBENZOFURAN | 8270C | 0.99 | ug/l | U | n | 5.4 | 0.99 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4,6-TRICHLOROPHENOL | 8270C | 1.3 | ug/l | U | n | 5.4 | 1.3 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | P-CHLORO-M-CRESOL | 8270C | 1.6 | ug/l | U | n | 5.4 | 1.6 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-CHLOROPHENOL | 8270C | 1.9 | ug/l | U | n | 6.4 | 1.9 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4-DICHLOROPHENOL | 8270C | 2.2 | ug/l | U | n | 11 | 2.2 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4-DIMETHYLPHENOL | 8270C | 3.3 | ug/l | U | n | 11 | 3.3 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-NITROPHENOL | 8270C | 2.5 | ug/l | U | n | 22 | 2.5 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4-NITROPHENOL | 8270C | 1.8 | ug/l | U | n | 11 | 1.8 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4-DINITROPHENOL | 8270C | 1.1 | ug/l | U | n | 22 | 1.1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 4,6-DINITRO-O-CRESOL | 8270C | 1.5 | ug/l | U | n | 22 | 1.5 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | PENTACHLOROPHENOL | 8270C | 1.7 | ug/l | U | n | 22 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | PHENOL | 8270C | 1.3 | ug/l | U | n | 7.5 | 1.3 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-METHYLPHENOL | 8270C | 1.6 | ug/l | U | n | 6.4 | 1.6 | 1 |

| Field Sample | Sample Date | Matrix | Lab ID | Analyte | Method | Result | Units | Validation Qualiier | Detected Y/N | MRL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 3-METHYLPHENOL/4-METHYLPHENOL | 8270C | 1.7 | ug/l | U | n | 6.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2,4,5-TRICHLOROPHENOL | 8270C | 1 | ug/l | U | n | 5.4 | 1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZOIC ACID | 8270C | 1.1 | ug/l | UJ | n | 54 | 1.1 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CARBAZOLE | 8270C | 1.7 | ug/l | U | n | 5.4 | 1.7 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ACENAPHTHENE | 8270C-SIM | 0.047 | ug/l | U | n | 0.22 | 0.047 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-CHLORONAPHTHALENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.22 | 0.058 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | FLUORANTHENE | 8270C-SIM | 0.088 | ug/l | J | y | 0.22 | 0.043 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | NAPHTHALENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZO(A)ANTHRACENE | 8270C-SIM | 0.043 | ug/l | J | y | 0.22 | 0.041 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZO(A)PYRENE | 8270C-SIM | 0.043 | ug/l | U | n | 0.22 | 0.043 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZO(B)FLUORANTHENE | 8270C-SIM | 0.054 | ug/l | U | n | 0.22 | 0.054 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZO(K)FLUORANTHENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | CHRYSENE | 8270C-SIM | 0.051 | ug/l | J | y | 0.22 | 0.036 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ACENAPHTHYLENE | 8270C-SIM | 0.049 | ug/l | U | n | 0.22 | 0.049 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | ANTHRACENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.22 | 0.053 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.053 | ug/l | U | n | 0.27 | 0.053 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | FLUORENE | 8270C-SIM | 0.038 | ug/l | U | n | 0.22 | 0.038 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | PHENANTHRENE | 8270C-SIM | 0.044 | ug/l | J | y | 0.22 | 0.033 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.058 | ug/l | U | n | 0.22 | 0.058 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.036 | ug/l | U | n | 0.22 | 0.036 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | PYRENE | 8270C-SIM | 0.079 | ug/l | J | y | 0.22 | 0.049 | 1 |
| 2-SW23-04 | 8-Dec-05 | Water | L0514937-10 | 2-METHYLNAPHTHALENE | 8270C-SIM | 0.039 | ug/l | U | n | 0.22 | 0.039 | 1 |

Field Duplicate Table
SDG L0514937

| Field Sample | Analyte | Method | Result | Units | Qualifier | Field Duplicate | Result | Units | Qualifier | FD RPD(%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW19-04 | SULFATE | 9038 | 14 | mg/l | | 2-SW120705 | 13 | mg/l | | 7.4 |
| 2-SW19-04 | TOTAL ORGANIC CARBON | 9060 | 6 | mg/l | | 2-SW120705 | 6.2 | mg/l | | 3.3 |
| 2-SW19-04 | CHLORIDE | 9251 | 85 | mg/l | | 2-SW120705 | 80 | mg/l | | 6.1 |
| 2-SW19-04 | ALKALINITY, TOTAL | 2320B | 53 | mg CaCO3/L | | 2-SW120705 | 53 | mg CaCO3/L | | 0.0 |
| 2-SW19-04 | HARDNESS | 2340B | 61 | mg/l | | 2-SW120705 | 62 | mg/l | | 1.6 |
| 2-SW19-04 | SOLIDS, TOTAL DISSOLVED | 2540C | 190 | mg/l | | 2-SW120705 | 190 | mg/l | | 0.0 |
| 2-SW19-04 | SOLIDS, TOTAL SUSPENDED | 2540D | 96 | mg/l | J | 2-SW120705 | 170 | mg/l | J | 55.6 |
| 2-SW19-04 | CHEMICAL OXYGEN DEMAND | 5220D | 68 | mg/l | | 2-SW120705 | 77 | mg/l | | 12.4 |
| 2-SW19-04 | ALUMINUM, DISSOLVED | 6010B | 0.012 | mg/l | | 2-SW120705 | 0.019 | mg/l | | 45.2 |
| 2-SW19-04 | ALUMINUM, TOTAL | 6010B | 0.32 | mg/l | | 2-SW120705 | 0.36 | mg/l | | 11.8 |
| 2-SW19-04 | BARIUM, DISSOLVED | 6010B | 0.03 | mg/l | | 2-SW120705 | 0.04 | mg/l | | 28.6 |
| 2-SW19-04 | BARIUM, TOTAL | 6010B | 0.05 | mg/l | | 2-SW120705 | 0.06 | mg/l | | 18.2 |
| 2-SW19-04 | BERYLLIUM, DISSOLVED | | ND | | UJ | 2-SW120705 | 0.0002 | mg/l | J | NC |
| 2-SW19-04 | CALCIUM, DISSOLVED | 6010B | 17 | mg/l | | 2-SW120705 | 18 | mg/l | | 5.7 |
| 2-SW19-04 | CALCIUM, TOTAL | 6010B | 19 | mg/l | | 2-SW120705 | 19 | mg/l | | 0.0 |
| 2-SW19-04 | IRON, DISSOLVED | 6010B | 0.16 | mg/l | J | 2-SW120705 | 0.04 | mg/l | J | 120.0 |
| 2-SW19-04 | IRON, TOTAL | 6010B | 22 | mg/l | | 2-SW120705 | 26 | mg/l | | 16.7 |
| 2-SW19-04 | MAGNESIUM, DISSOLVED | 6010B | 3 | mg/l | | 2-SW120705 | 3.1 | mg/l | | 3.3 |
| 2-SW19-04 | MAGNESIUM, TOTAL | 6010B | 3.4 | mg/l | | 2-SW120705 | 3.4 | mg/l | | 0.0 |
| 2-SW19-04 | MANGANESE, DISSOLVED | 6010B | 0.13 | mg/l | | 2-SW120705 | 0.13 | mg/l | | 0.0 |
| 2-SW19-04 | MANGANESE, TOTAL | 6010B | 0.16 | mg/l | | 2-SW120705 | 0.17 | mg/l | | 6.1 |
| 2-SW19-04 | POTASSIUM, DISSOLVED | 6010B | 4.6 | mg/l | | 2-SW120705 | 4.5 | mg/l | | 2.2 |
| 2-SW19-04 | POTASSIUM, TOTAL | 6010B | 5.2 | mg/l | | 2-SW120705 | 5.3 | mg/l | | 1.9 |
| 2-SW19-04 | SODIUM, DISSOLVED | 6010B | 48 | mg/l | | 2-SW120705 | 49 | mg/l | | 2.1 |
| 2-SW19-04 | SODIUM, TOTAL | 6010B | 51 | mg/l | | 2-SW120705 | 51 | mg/l | | 0.0 |
| 2-SW19-04 | ANTIMONY, DISSOLVED | 6020A | 0.00022 | mg/l | | 2-SW120705 | 0.00024 | mg/l | | 8.7 |
| 2-SW19-04 | ANTIMONY, TOTAL | 6020A | 0.00051 | mg/l | | 2-SW120705 | 0.00062 | mg/l | | 19.5 |
| 2-SW19-04 | ARSENIC, DISSOLVED | 6020A | 0.00017 | mg/l | | 2-SW120705 | 0.00015 | mg/l | | 12.5 |
| 2-SW19-04 | ARSENIC, TOTAL | 6020A | 0.0016 | mg/l | | 2-SW120705 | 0.0019 | mg/l | | 17.1 |
| 2-SW19-04 | CADMIUM, DISSOLVED | 6020A | 0.00007 | mg/l | J | 2-SW120705 | ND | | UJ | NC |
| 2-SW19-04 | CADMIUM, TOTAL | 6020A | 0.00016 | mg/l | | 2-SW120705 | 0.00015 | mg/l | | 6.5 |
| 2-SW19-04 | CHROMIUM, TOTAL | 6020A | 0.0013 | mg/l | | 2-SW120705 | 0.0015 | mg/l | | 14.3 |
| 2-SW19-04 | COBALT, DISSOLVED | 6020A | 0.00033 | mg/l | | 2-SW120705 | 0.00027 | mg/l | | 20.0 |
| 2-SW19-04 | COBALT, TOTAL | 6020A | 0.00063 | mg/l | | 2-SW120705 | 0.00071 | mg/l | | 11.9 |
| 2-SW19-04 | COPPER, DISSOLVED | 6020A | 0.00046 | mg/l | | 2-SW120705 | 0.00049 | mg/l | | 6.3 |
| 2-SW19-04 | COPPER, TOTAL | 6020A | 0.0101 | mg/l | | 2-SW120705 | 0.0116 | mg/l | | 13.8 |
| 2-SW19-04 | LEAD, DISSOLVED | 6020A | 0.00013 | mg/l | | 2-SW120705 | 0.00012 | mg/l | | 8.0 |
| 2-SW19-04 | LEAD, TOTAL | 6020A | 0.0038 | mg/l | | 2-SW120705 | 0.0046 | mg/l | | 19.0 |
| 2-SW19-04 | MOLYBDENUM, TOTAL | 6020A | 0.00024 | mg/l | J | 2-SW120705 | 0.0004 | mg/l | J | 50.0 |
| 2-SW19-04 | NICKEL, DISSOLVED | 6020A | 0.0015 | mg/l | | 2-SW120705 | 0.0013 | mg/l | | 14.3 |
| 2-SW19-04 | NICKEL, TOTAL | 6020A | 0.0045 | mg/l | | 2-SW120705 | 0.0052 | mg/l | | 14.4 |

Field Duplicate Table
SDG L0514937

| Field Sample | Analyte | Method | Result | Units | Qualifier | Field Duplicate | Result | Units | Qualifier | FD RPD(%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-SW19-04 | SELENIUM, TOTAL | | ND | | UJ | 2-SW120705 | 0.0004 | mg/l | J | NC |
| 2-SW19-04 | SILVER, TOTAL | 6020A | 0.00003 | mg/l | | 2-SW120705 | 0.00003 | mg/l | | 0.0 |
| 2-SW19-04 | VANADIUM, TOTAL | 6020A | 0.0103 | mg/l | | 2-SW120705 | 0.0128 | mg/l | | 21.6 |
| 2-SW19-04 | ZINC, DISSOLVED | 6020A | 0.0253 | mg/l | | 2-SW120705 | 0.0199 | mg/l | | 23.9 |
| 2-SW19-04 | ZINC, TOTAL | 6020A | 0.0767 | mg/l | | 2-SW120705 | 0.0902 | mg/l | | 16.2 |
| 2-SW19-04 | 2-METHYLNAPHTHALENE | | ND | | UJ | 2-SW120705 | 0.04 | ug/l | J | NC |
| 2-SW19-04 | ACENAPHTHENE | 8270C-SIM | 0.18 | ug/l | | 2-SW120705 | 0.21 | ug/l | | 15.4 |
| 2-SW19-04 | BENZO(GHI)PERYLENE | 8270C-SIM | 0.091 | ug/l | J | 2-SW120705 | ND | | UJ | NC |
| 2-SW19-04 | CHRYSENE | 8270C-SIM | 0.046 | ug/l | J | 2-SW120705 | ND | | UJ | NC |
| 2-SW19-04 | DIBENZO(A,H)ANTHRACENE | 8270C-SIM | 0.077 | ug/l | J | 2-SW120705 | ND | | UJ | NC |
| 2-SW19-04 | FLUORANTHENE | 8270C-SIM | 0.087 | ug/l | | 2-SW120705 | 0.069 | ug/l | | 23.1 |
| 2-SW19-04 | FLUORENE | 8270C-SIM | 0.083 | ug/l | | 2-SW120705 | 0.1 | ug/l | | 18.6 |
| 2-SW19-04 | NAPHTHALENE | | ND | | UJ | 2-SW120705 | 0.085 | ug/l | J | NC |
| 2-SW19-04 | INDENO(1,2,3-CD)PYRENE | 8270C-SIM | 0.1 | ug/l | J | 2-SW120705 | ND | | UJ | NC |
| 2-SW19-04 | PHENANTHRENE | 8270C-SIM | 0.055 | ug/l | | 2-SW120705 | 0.062 | ug/l | | 12.0 |
| 2-SW19-04 | PYRENE | 8270C-SIM | 0.079 | ug/l | | 2-SW120705 | 0.061 | ug/l | | 25.7 |

**ECC Region I Data Review Worksheet** **Sulfate (9038), Nitrate(4500), Hardness (2340B)**
**Project: NLON ECC Job No. 5700** **TOC, TSS, TIER I**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier I** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westboroug h, MA** | **L0514937** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-SW20-04 | L0514937-01 |
| 2-SW18-04 | L0514937-02 |
| 2-SW19-04 | L0514937-03 |
| 2-SW120705 | L0514937-04 |
| 3-SP01-04 | L0514937-05 |
| 2-SW21-04 | L0514937-06 |
| 2-SW22-04 | L0514937-08 |
| 2-SW24-04 | L0514937-09 |
| 2-SW23-04 | L0514937-10 |
| | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED/Narrative Evaluation | Inventory |
|---|---|---|---|
| COC | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects<br>3) preserved per method (amber bottles, temperature. J, UJ, or R (function of HT and compound) | Cooler temperatures <6C. Sample preservation adequate.<br>Sample custody transferred from Field Team Leader to lab sample courier. Unbroken Chain of Custody.<br>Sample preservation within limits.<br>No samples qualified. | X |
| Holding Time | J –detects, UJ or R –nondetects (function of time). Sample not qualified for a Tier I review. | All samples analyzed within holding time. | X |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | Results greater than the calibration limit for | X |
| Method Blanks | 1) detects in blanks evaluated at <5X method blank detection | Alkalinity 0.8 <04.0 | X |
| Results | 1) Results are provided by laboratory | provided | X |
| Calibration | 1) calibration information provided, as per method SOP | Provided | X |
| Accuracy Check | 1) accuracy information provided, as per method SOP | Provided | X |

Completeness Check: Inventory Check Sheet_____X__

**ECC Region I Data Review Worksheet (rv 2)** **Metals 6010B/6020A/7470A**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **HNO3** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough , MA** | **L0514937** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-SW20-04 | L0514937-01 |
| 2-SW18-04 | L0514937-02 |
| 2-SW19-04 | L0514937-03 |
| 2-SW120705 | L0514937-04 |
| 3-SP01-04 | L0514937-05 |
| 2-SW21-04 | L0514937-06 |
| 2-SW22-04 | L0514937-08 |
| 2-SW24-04 | L0514937-09 |
| 2-SW23-04 | L0514937-10 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody.<br>No samples qualified. | X | - | |
| Holding Time | 1) 180 days (6010), Hg 28 Days to analysis<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times – no sample qualifications. | X | - | |
| Lab Duplicate | 1) RPD < 20%<br>1) If both values > MRL<br>2) Qualify samples in batch: detects J, NDs UJ | Native sample – sample 03 for both total and dissolved metals.<br>Laboratory precision is acceptable, except for total Cr and Cu | X | Total Cr & Cu qualified J in sample 03 | |
| LCS Recovery | 1) once per sample batch<br>2) 75-125% water, soil, QAPP limits.<br>3) <LCL% Reject<br>4) >UCL% detects J | LCS %R's acceptable for all metals. No samples qualified. | X | - | |
| Field Dup RPD | 1) RPD ≤ 50% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL)<br>2) If one >X PQL, other ND, J-detections, UJ non-detect | One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>Dissolved Fe FD RPD>50% for this low level detection.<br>FD RPDs for the following metals should be disregarded as they were qualified U because of associated blank contamination: Be (dissolved), Cadmium (dissolved), Mo(total), and Se(total). Overall sampling and analysis precision is acceptable. | X | See attached FD workshet | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <MRL but >MDL – J –detects (estimated) | Results less than the method reporting limits and greater than the method detection limit were qualified J. Please see attached data summary table for all such results. | X | J qualify results < MRL and > MDL. | |
| Lab Blanks (method blank or p reparation blank) | 1) Once per sample batch<br>2) Results> QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | Method blanks for total metals and dissolved metals;<br><br>Total metal MB detections and associated evaluation criteria:<br>Be; 0.0001<0.0005<br>Zn; 0.00071<0.00355<br><br>Dissolved metals:<br>Cr; 0.00013<0.00065<br>Co:0.00002<0.0001<br>Mo: 0.0006<0.003<br>V; 0.00004<0.00012<br>Zn: 0.00199<0.01 | x | Qualify as U the following in elements in the following samples:<br>Totals;<br>Be; 1,3,4,5,6,8, 10<br><br>Dissolved:<br>Cr; 1,3,4,5,6,9, 10<br>Mo: 1,2,3,4,5,8, 9<br>V; 3,4,5,6<br>Be all dissolved metals U. | |
| MS Recovery | 1) 75-125% GFAA/ICP if MS > 4X native levels)<br>Qualification of MS sample:<br>2) <30% J detects, R NDs<br>3) 30%--74%, detects J, NDs UJ<br>>125% J detects | Native sample –sample 03 (total and dissolved metals.<br>All MS/MSD recoveries within MPC limits, except for Hg (total and dissolved with MS %R>UCL (detects qualified) Fe MS %R>>UCL, but the MS was not greater than 4X the Fe level in the field sample. No apparent matrix bias | X | Hg detects qualified J in samples 2, 5, 8, &9 | |
| Sensitivity* | 1) MDL study – 7 replicates (40 CFR)<br>2) Surrogates %R 80-120%,<br>1) %R <10 ND- (R) , J- detects<br>2) 10%> but <80% , judgement<br>3) %R>120% J-detects<br>4) %RSD < 20%<br>5) MDL< MQL (3x less ideal)<br>6) Lab fortitied blank (see VOA/SV Part II – section X).<br>*Check and recalculate %RSDs and %R for three compounds (with 10% of lab) | All samples analyzed at a 1X dilution. | X | - | |
| Equip Blank | < 5x contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Equipment blank not collected/analyzed with this SDG – dedicated equipment. | - | - | |
| Negative blanks | If negative values are reported for an analyte with absolute value >DL and sample value is <5X the absolute value of the blank or is nondetect Qualify detects as estimated (J) Nondetects as estimated (UJ) | - | X | | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Initial Calibration Blanks | 1) Ical blank after Ical<br>2) Results > QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | 6010; Be -0.00005<0.00025<br><br>6020; Sb <0.00035<br>As;<0.00035<br>Cd<0.00005<br>Co; <0.0003<br>Cu; <0.0005<br>Pb; <0.00025<br>Mo; <0.0003<br>Se:<0.0006<br>Ag:<0.0003<br>V:<0.00025<br>Tl:<0.0003 | x | Be dissolved metals qualified U<br>Sb all dissolved qualified U. Sb (totals); 1,6,10<br>As (dissolved); 01-06.<br>Cd (dissolved) 3,5,6,8, Cd (total); 1,2,3,4,5,6,10<br>Co(totals); 3<br>Co(dissolved); 1,2,4,6<br>Cu(dissolved); 3<br>Pb(dissolved) 1,2,3,4,5,6,9,10<br>Mo (dissolved ); 3, 6<br>Se(total);4<br>Se(dissolved); 5,9<br>Ag & Tl all detects<br>V all dissolved metals detects. | |
| Continuing Calibration Blanks | 1) CCB every 10 samples end of run<br>2) Results > QL; sample results <5X; sample result U (nd)<br>3) Sample results >5X blank level; no action | 6010; Be 0.00004<0.0002 | x | Be all dissolved metals. | |
| Serial Dilution | 1) once per digestion batch<br>2) Meets method limits (%D < 10%).<br>3) Metal results >50X MDL levels. | Sample 03 for total and dissolved SD>10% for K PDS within limits. No apparent matrix bias | X | Sample 03 and K qualified J | |
| Interelement checks ICS-A, ICS-AB Instrument performance check | 1) start of sequence<br>2) 80-120% target analytes<br>3) >120% ; detects J (ICS-AB)<br>4) 50%-79% R ICS-AB; detects J, NDs – UJ<br>5) <50% R – reject data<br>6) ICS-A response > DL and samples have <5X ICS-A response: detects J<br>7) Absolute value of negative ICS-A response>DL and sample detects <5X ICS-A response: detects J, NDs as UJ<br>8) If the ICS-A is within limits, the ICS-AB may not be analyzed (USACE Shell) | Metal ICS's %R's within MPC limits for COC elements. No samples qualified. | X | - | |
| 6020 Tune check | 1) Within Method acceptance criteria | Acceptable. | X | | |
| Initial Cal Multipoint | 2) 6010: 1 std and blank and low-level check at MQL – check std 20%<br>3) 3 stds and a blank- R = 0.995 | ICAL performed according to method. Two point calibration and check standards. The pre-analysis check standards were within MPC limits. | X | - | |
| 2nd Source ICV | 1) following calibration<br>2) 90- 110% Recovery (6010/7000 )<br>3) 75%-89% R – detects J, NDs – UJ<br>4) 111-125% R – detects J | Within limits of MPC. No samples qualified. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | outside 75-125% R – reject data ( R ) | | | | |
| CCV | 1) every 10 samples and end of run<br>2) 90- 110% Recovery (6010) Hg; 80-120%<br>3) 6010: 75%-89% R Hg, 65-79% R; – detects J, NDs – UJ.<br>4) 6010: 111-125%, Hg: 121-135% detects J<br>6010: outside 75-125%, Hg; outside 65-135%; R – reject data ( R ) | Hg and ICP metals had applicable CCV %D's within MPC limits. No samples qualified. | X | - | |
| Post Digestion Spike | 1) 75- 125% R | PDS performed for K. PDS %R within limits. No matrix bias. | X | - | |
| *MDL Study | 1) *In accordance with 40CFR – seven replicates %RSD < 20%<br>2) * IS and retention times within method requirements<br>3) * performed annually<br>4) *MDL is at least ½ of PQL<br>*tgt and surrogate 80-120% R | NA | - | - | |
| *System Performance | 1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy<br>3) *Matrix effects- MS/MSD, surrogated, PDS.<br>4) *overall system contamination-review all blanks for systemic or sporadic contamination | NA | - | - | |
| *Single Blind PE | 1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R<br>5) PES > acceptance criteria – Detects in samples J,<br>6) PES<acceptance criteria – Detects J, NDs –R<br>7) VOA/SV-XI14 other criteria<br>8) *% of PES sample above and below criteria<br>*Recalculate concentrations for one tgt compound per PES (10% of lab) | NA | - | - | |
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evaluation:<br>Sample results are usable for project decision making, as qualified.<br>Laboratory accuracy and precision were acceptable. Accuracy was shown by the LCS being within MPC limits. All MS recoveries within MPC limits, except for Hg. PDS %R shows no apparent matrix bias.<br><br>Lab duplicate RPD's within MPC limits, except for Cu. The ICS-A, and ICS-AB were within MPC limits for all elements.<br>Tune (6020) in limits.<br><br>ICAL; 2-point calibration.<br>ICV: within MPC limits.<br>CCV: within MPC limits. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | | Sampling Error Evaluation:<br>One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>Dissolved Fe FD RPD>50% for this low level detection.<br>FD RPDs for the following metals should be disregarded as they were qualified U because of associated blank contamination: Be (dissolved), Cadmium (dissolved), Mo(total), and Se(total). Overall sampling and analysis precision is acceptable. | | | |

*TIER III DATA VALIDATION ONLY Completeness Check: Inventory Check Sheet___X_Sample Quantitation Calculations (TIER III DATA VALIDATION ONLY):

Lab correspondence: none.

**ECC Region I Data Review Worksheet (rv 2)** **Metals 6010B/6020A/7470A**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **HNO3** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough , MA** | **L0514937** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-SW20-04 | L0514937-01 |
| 2-SW18-04 | L0514937-02 |
| 2-SW19-04 | L0514937-03 |
| 2-SW120705 | L0514937-04 |
| 3-SP01-04 | L0514937-05 |
| 2-SW21-04 | L0514937-06 |
| 2-SW22-04 | L0514937-08 |
| 2-SW24-04 | L0514937-09 |
| 2-SW23-04 | L0514937-10 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody.<br>No samples qualified. | X | - | |
| Holding Time | 1) 180 days (6010), Hg 28 Days to analysis<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times – no sample qualifications. | X | - | |
| Lab Duplicate | 1) RPD < 20%<br>1) If both values > MRL<br>2) Qualify samples in batch: detects J, NDs UJ | Native sample – sample 03 for both total and dissolved metals.<br>Laboratory precision is acceptable, except for total Cr and Cu | X | Total Cr & Cu qualified J in sample 03 | |
| LCS Recovery | 1) once per sample batch<br>2) 75-125% water, soil, QAPP limits.<br>3) <LCL% Reject<br>4) >UCL% detects J | LCS %R's acceptable for all metals. No samples qualified. | X | - | |
| Field Dup RPD | 1) RPD ≤ 50% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL)<br>2) If one >X PQL, other ND, J-detections, UJ non-detect | One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>Dissolved Fe FD RPD>50% for this low level detection.<br>FD RPDs for the following metals should be disregarded as they were qualified U because of associated blank contamination: Be (dissolved), Cadmium (dissolved), Mo(total), and Se(total). Overall sampling and analysis precision is acceptable. | X | See attached FD workshet | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <MRL but >MDL – J –detects (estimated) | Results less than the method reporting limits and greater than the method detection limit were qualified J. Please see attached data summary table for all such results. | X | J qualify results < MRL and > MDL. | |
| Lab Blanks (method blank or p reparation blank) | 1) Once per sample batch<br>2) Results> QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | Method blanks for total metals and dissolved metals;<br><br>Total metal MB detections and associated evaluation criteria:<br>Be; 0.0001<0.0005<br>Zn; 0.00071<0.00355<br><br>Dissolved metals:<br>Cr; 0.00013<0.00065<br>Co:0.00002<0.0001<br>Mo: 0.0006<0.003<br>V; 0.00004<0.00012<br>Zn: 0.00199<0.01 | x | Qualify as U the following in elements in the following samples:<br>Totals;<br>Be; 1,3,4,5,6,8, 10<br><br>Dissolved:<br>Cr; 1,3,4,5,6,9, 10<br>Mo: 1,2,3,4,5,8, 9<br>V; 3,4,5,6<br>Be all dissolved metals U. | |
| MS Recovery | 1) 75-125% GFAA/ICP if MS > 4X native levels)<br>Qualification of MS sample:<br>2) <30% J detects, R NDs<br>3) 30%--74%, detects J, NDs UJ<br>>125% J detects | Native sample –sample 03 (total and dissolved metals.<br>All MS/MSD recoveries within MPC limits, except for Hg (total and dissolved with MS %R>UCL (detects qualified) Fe MS %R>>UCL, but the MS was not greater than 4X the Fe level in the field sample. No apparent matrix bias | X | Hg detects qualified J in samples 2, 5, 8, &9 | |
| Sensitivity* | 1) MDL study – 7 replicates (40 CFR)<br>2) Surrogates %R 80-120%,<br>1) %R <10 ND- (R) , J- detects<br>2) 10%> but <80% , judgement<br>3) %R>120% J-detects<br>4) %RSD < 20%<br>5) MDL< MQL (3x less ideal)<br>6) Lab fortitied blank (see VOA/SV Part II – section X).<br>*Check and recalculate %RSDs and %R for three compounds (with 10% of lab) | All samples analyzed at a 1X dilution. | X | - | |
| Equip Blank | < 5x contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Equipment blank not collected/analyzed with this SDG – dedicated equipment. | - | - | |
| Negative blanks | If negative values are reported for an analyte with absolute value >DL and sample value is <5X the absolute value of the blank or is nondetect Qualify detects as estimated (J) Nondetects as estimated (UJ) | - | X | | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Initial Calibration Blanks | 1) Ical blank after Ical<br>2) Results > QL; sample results <5X ; sample result U (nd)<br>3) Sample results >5X blank level; no action | 6010; Be -0.00005<0.00025<br><br>6020; Sb <0.00035<br>As;<0.00035<br>Cd<0.00005<br>Co; <0.0003<br>Cu; <0.0005<br>Pb; <0.00025<br>Mo; <0.0003<br>Se:<0.0006<br>Ag:<0.0003<br>V:<0.00025<br>Tl:<0.0003 | x | Be dissolved metals qualified U<br>Sb all dissolved qualified U. Sb (totals); 1,6,10<br>As (dissolved); 01-06.<br>Cd (dissolved) 3,5,6,8, Cd (total); 1,2,3,4,5,6,10<br>Co(totals); 3<br>Co(dissolved); 1,2,4,6<br>Cu(dissolved); 3<br>Pb(dissolved) 1,2,3,4,5,6,9,10<br>Mo (dissolved ); 3, 6<br>Se(total);4<br>Se(dissolved); 5,9<br>Ag & Tl all detects<br>V all dissolved metals detects. | |
| Continuing Calibration Blanks | 1) CCB every 10 samples end of run<br>2) Results > QL; sample results <5X; sample result U (nd)<br>3) Sample results >5X blank level; no action | 6010; Be 0.00004<0.0002 | x | Be all dissolved metals. | |
| Serial Dilution | 1) once per digestion batch<br>2) Meets method limits (%D < 10%).<br>3) Metal results >50X MDL levels. | Sample 03 for total and dissolved SD>10% for K PDS within limits. No apparent matrix bias | X | Sample 03 and K qualified J | |
| Interelement checks ICS-A, ICS-AB Instrument performance check | 1) start of sequence<br>2) 80-120% target analytes<br>3) >120% ; detects J (ICS-AB)<br>4) 50%-79% R ICS-AB; detects J, NDs – UJ<br>5) <50% R – reject data<br>6) ICS-A response > DL and samples have <5X ICS-A response: detects J<br>7) Absolute value of negative ICS-A response>DL and sample detects <5X ICS-A response: detects J, NDs as UJ<br>8) If the ICS-A is within limits, the ICS-AB may not be analyzed (USACE Shell) | Metal ICS's %R's within MPC limits for COC elements. No samples qualified. | X | - | |
| 6020 Tune check | 1) Within Method acceptance criteria | Acceptable. | X | | |
| Initial Cal Multipoint | 2) 6010: 1 std and blank and low-level check at MQL – check std 20%<br>3) 3 stds and a blank- R = 0.995 | ICAL performed according to method. Two point calibration and check standards. The pre-analysis check standards were within MPC limits. | X | - | |
| 2nd Source ICV | 1) following calibration<br>2) 90- 110% Recovery (6010/7000 )<br>3) 75%-89% R – detects J, NDs – UJ<br>4) 111-125% R – detects J | Within limits of MPC. No samples qualified. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | outside 75-125% R – reject data ( R ) | | | | |
| CCV | 1) every 10 samples and end of run<br>2) 90- 110% Recovery (6010) Hg; 80-120%<br>3) 6010: 75%-89% R Hg, 65-79% R; – detects J, NDs – UJ.<br>4) 6010: 111-125%, Hg: 121-135% detects J<br>6010: outside 75-125%, Hg; outside 65-135%; R – reject data ( R ) | Hg and ICP metals had applicable CCV %D's within MPC limits. No samples qualified. | X | - | |
| Post Digestion Spike | 1) 75- 125% R | PDS performed for K. PDS %R within limits. No matrix bias. | X | - | |
| *MDL Study | 1) *In accordance with 40CFR – seven replicates %RSD < 20%<br>2) * IS and retention times within method requirements<br>3) * performed annually<br>4) *MDL is at least ½ of PQL<br>*tgt and surrogate 80-120% R | NA | - | - | |
| *System Performance | 1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy<br>3) *Matrix effects- MS/MSD, surrogated, PDS.<br>4) *overall system contamination-review all blanks for systemic or sporadic contamination | NA | - | - | |
| *Single Blind PE | 1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R<br>5) PES > acceptance criteria – Detects in samples J,<br>6) PES<acceptance criteria – Detects J, NDs –R<br>7) VOA/SV-XI14 other criteria<br>8) *% of PES sample above and below criteria<br>*Recalculate concentrations for one tgt compound per PES (10% of lab) | NA | - | - | |
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evaluation:<br>Sample results are usable for project decision making, as qualified.<br>Laboratory accuracy and precision were acceptable. Accuracy was shown by the LCS being within MPC limits. All MS recoveries within MPC limits, except for Hg. PDS %R shows no apparent matrix bias.<br><br>Lab duplicate RPD's within MPC limits, except for Cu. The ICS-A, and ICS-AB were within MPC limits for all elements.<br>Tune (6020) in limits.<br><br>ICAL; 2-point calibration.<br>ICV: within MPC limits.<br>CCV: within MPC limits. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| | | Sampling Error Evaluation:<br>One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>Dissolved Fe FD RPD>50% for this low level detection.<br>FD RPDs for the following metals should be disregarded as they were qualified U because of associated blank contamination: Be (dissolved), Cadmium (dissolved), Mo(total), and Se(total). Overall sampling and analysis precision is acceptable. | | | |

*TIER III DATA VALIDATION ONLY Completeness Check: Inventory Check Sheet___X_Sample Quantitation Calculations (TIER III DATA VALIDATION ONLY):

Lab correspondence: none.

**ECC Region I Data Review Worksheet (rv 2)** **PAH 8270C - SIM**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough, MA** | **L0514937** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-SW20-04 | L0514937-01 |
| 2-SW18-04 | L0514937-02 |
| 2-SW19-04 | L0514937-03 |
| 2-SW120705 | L0514937-04 |
| 3-SP01-04 | L0514937-05 |
| 2-SW21-04 | L0514937-06 |
| 2-SW22-04 | L0514937-08 |
| 2-SW24-04 | L0514937-09 |
| 2-SW23-04 | L0514937-10 |
| | |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified. | X | - | |
| Holding Time | 1) 7 Days water, 40 to analysis<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times, | X | | |
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made (no USACE )<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | Results < MRL but > MDL were qualified as estimated (J). Please see attached data summary table for all such results. No results exceeding upper calibration range. | X | Results < MRL but > MDL are qualified J. | |
| Equip Blank | < 5x (<10x common) contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Not applicable. Equipment blank not collected/analyzed with this SDG as all the equipment used were dedicated. | - | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Surrogates | 1) Surrogate acceptance limits Nitrobenzene-d5, 2-Fluorobiphenyl & p-Terphenly-d14 within historical lab limits.<br>Qualification: >UCL J –detects,<br>%R<10% J –detects, R –NDs,<br>%R >10% but <60% J-detects, UJ NDs | All surrogate recoveries within MPC limits for all field samples. No samples qualified. | X | - | |
| Lab Blanks (method blanks) | 1) < 5x (<10x common) contaminants – U analytes <lab PQL (contract lab) | Method blank was non-detect for all PAH's. | X | - | |
| LCS Recovery | 1) QAPP limits<br>10% and <LCL% J detects, UJ -NDs<br>>UCL% J detects <10% R NDs, J-detects | LCS in limits. Lab accuracy is acceptable. | X | - | |
| MS/MSD Recovery | 1) QAPP limits (if MS > 4X native levels)<br>Qualification of MS sample: <10% J detects, R NDs<br>>10% and <70% J detects, UJ -NDs<br>>130% J detects | Native sample – sample 03. MS/MSD recoveries within MPC limits, except for chrysene. No sample qualifications. | X | Sample 03 qualify chrysene as J | |
| MS/MSD RPD | RPD ≤30% solid, 30%. J –detects in MS sample<br>UJ-non detects | Native sample – sample 03.<br>All MS/MSD RPD's within MPC limits for all compounds of concern, except for 2-chloronaphthalene, naphthalene, and 2-methylnapthalene. | X | In sample 03 for 2-chloronaphthalene, naphthalene, and 2-methylnapthalene qualify results as UJ | |
| Cleanup Performance Check (if performed) | %R< 10% NDs-R detections J<br>%R>10% <LCL (80%GPC) –detections J, NDs UJ<br>%R>UCL (120%) – detections J<br>Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. | NA | - | - | |
| Retention times | Within 3X standard deviation for each analyte from 72-hour study<br>Exceeds: R qualify data | Retention times within limits. | X | - | |
| Field Dup RPD | 1) RPD ≤ 100% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL)<br>2) If one >X PQL, other ND, J-detections, UJ non-detect<br>Other conditions use judgement | One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br><br>FD RPDs are acceptable for PAHs detected in both samples. There are 6 PAHs that were not detected in both the FD and the field sample. Overall precision is low | X | See FD Table. | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Initial Cal (Linearity) | Correct calibration stds<br>%RSD < 15% use average RF for calibration<br>%RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995<br>or alternatively mean %RSD <20% for all target analytes, with no analyte %RSD>40%<br>Resolution check mix –valley 60% hgt of shortest peak (CLP criteria only)<br>Performance check mix - >90% (PEM) (CLP criteria only)<br>SW-846 PEM –endirn/DDT breakdown evaluation.<br>Blank and Performance Evaluation Mix (PEM) at start, and blank and midpoint<br>Individual Standard Mix A (ISMA) and ISMB at end or samples(CLP only) | Date: April 21, 2005<br>Instrument – Mork<br><br>%RSD < 15% or COD > 0.99.<br>ICAL linear. No samples qualified<br>RRF>0.05 | X | - | |
| 2nd Source ICV | %R (between ICV and Ical) analytes<br>%D ≤ 25%, (+ or -) once per 5 pt cal<br>Qualification: J detects, R or UJ NDs | Instrument – Mork<br>ICV % within limits.. | X | . | |
| CCV | 1) 20% of initial calib. Curve (80%-120%) If low re-calibrate per method. If high no recalibration needed. J qualify data.<br>2) 15% D<br>Qualification-J detects, R or UJ NDs | Instrument – Mork<br>All CCV %D's within MPC limits | X | - | |
| Tune Check | Tune check within method parameters for DFTPP | Ical tune check within limits.<br>And CCV tune check within limits. Raw data was used to check the tunes. No samples qualified.<br>Degradation checks associated with sample analysis and ICAL tune checks with limits. | X | - | |
| Internal Stds | 1) IS are –50% to 200% of CCV<br>1) RRT<0.06 (30 sec)<br>2) IS>100% J-detects<br>3) IS<20%CCV NDs – R<br>4) IS>20%CCV <50%CCV NDs – UJ<br>5) *check for IS transcription errors | Internal standards were within MPC limits. No samples qualified. | X | - | |
| Sensitivity | 1) MDL study – 7 replicates (40 CFR)<br>2) Surrogates %R 80-120%,<br>2) %R <10 ND- (R) , J- detects<br>3) 10%> but <80% , judgement<br>4) %R>120% J-detects<br>5) QC, RRT meet criteria,<br>6) %RSD < 20%<br>7) MDL< MQL (3x less ideal)<br>8) Lab fortified blank (see VOA/SV Part II –section X).<br>*Check and recalculate %RSDs and %R for three compounds (with 10% of lab) | Reporting limits were less than the primary monitoring criteria for all compounds.<br>Acceptable sensitivity for all compounds. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED | Inven-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evaluation:<br>The laboratory accuracy and precision were acceptable. No apparent sample bias. Data usable for project decisions, as qualified.<br>All surrogate and LCS %R within MPC.<br>MS/MSD recoveries except for chrysene<br>Laboratory precision is low for 2-chloronaphthalene, naphthalene, and 2-methylnapthalene.<br><br>ICAL; Linear.<br>ICV: in limits..<br>CCV; All CCV %D's within MPC limits<br><br>Sampling Error Evaluation;<br>One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br><br>FD RPDs are acceptable for PAHs detected in both samples. There are 6 PAHs that were not detected in both the FD and the field sample. Overall precision is low | X | - | |

(*Tier III criteria)

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

**Lab Correspondence:** None.

**ECC Region I Data Review Worksheet (rv 2)** **SVOCs 8270C**
**Project: New London Goss Cove ECC Job No. 5700** **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

| Data Validation Level | Matrix | Preservation | Temperature Sample Receipt | Laboratory | SDG Number |
|---|---|---|---|---|---|
| **Tier II** | **Aqueous** | **-** | **12-coolers 4,3,2,3,2,1,4, 1,2,2,1.1, & 2.0.5 & 1.2 C** | **Alpha Laboratory Westborough, MA** | **L0514937** |

## Field Identification of Samples Evaluated:

| Field ID | Lab Sample Number |
|---|---|
| 2-SW20-04 | L0514937-01 |
| 2-SW18-04 | L0514937-02 |
| 2-SW19-04 | L0514937-03 |
| 2-SW120705 | L0514937-04 |
| 3-SP01-04 | L0514937-05 |
| 2-SW21-04 | L0514937-06 |
| 2-SW22-04 | L0514937-08 |
| 2-SW24-04 | L0514937-09 |
| 2-SW23-04 | L0514937-10 |

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| COC, Sample Delivery Group Form. | 1)Unbroken custody (accept or if broken R)<br>2) Temp≤6° ( Soil-J detects, R -nondetects<br>3) preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound) | Cooler temperatures < 6 $^{o}$C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified. | X | - | |
| Holding Time | 1) 7 Days aqueous – 14 days soil (extract 40 days)<br>2) J –detects, UJ or R –nondetects (function of time) | All samples were analyzed within holding times – no sample qualifications. | X | - | |
| % Solids Check (SOLIDS) | 30%<Solids: if no sample weight adjustment made (no USACE )<br>1) <10% R entire sample<br>2) 10%.> and <30%; J-detects, NDs -R | Not applicable | - | - | |
| Results > Cal Range or <Cal Range | 1) >Upper Cal Range J-detects - ensure instrument blank performed<br>2) <PQL but >MDL – J –detects (estimated) | Data reported between the MDL and the MRL or exceeding upper calibration range were qualified as estimated (J). Please see attached data summary table for all such results. | X | Results > MDL but < MRL qualified J. | |
| TIC's (if reported) | 1) *verify library search for samples and blanks<br>2) verify TICs were not misreported compounds (different fraction or miss in search)<br>3) All TICs – J estimated<br>4) * verify blanks do not contain TIC peaks<br>5) * check TIC assignment spectra to STD spectra<br>6) *review blank and Samples for common lab contaminants | None Reported | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIA S |
|---|---|---|---|---|---|
| Internal Stds | 1) IS are –50% to 200% of CCV<br>1) RRT<0.06 (30 sec)<br>2) IS>100% J-detects<br>3) IS<20%CCV NDs – R<br>4) IS>20%CCV <50%CCV NDs – UJ<br>5) *check for IS transcription errors | Internal standards were within MPC limits. No samples qualified. | X | - | |
| Equip Blank | < 5x (<10x common) contaminants for aq samples<br>– for soil indicate EB (X rules don't apply) | Dedicated equipment – hence not collected/analyzed with this SDG | - | - | |
| Surrogates | Within historical laboratory limits<br>Qualification: >UCL J –detects,<br>%R<10% J –detects, R –NDs,<br>%R >10% but <LCL% J-detects, UJ NDs | Surrogate recoveries within MPC limits for all samples. No sample qualifications. MS; 1- surrogate was less than the LCL. | X | - | |
| Lab Blanks (method blanks) | 1) < 5x (<10x common) contaminants – U<br>2) analytes <lab PQL (contract lab)<br>no phthalates >5X QL (QAPP) | Method blank was non-detect for all SVOC's of concern; diethyl phthalate 3.1<31. This compound non-detect in the field samples. | X | - | |
| LCS Recovery | 1) Within historical laboratory limits listed in (QAPP)<br>10% and <LCL% J detects, UJ –NDs<br>>UCL% J detects <10% R NDs, J-detects | All LCS %R's within MPC, except for benzoic acid. Lab accuracy is acceptable for all SVOCs except for BA | X | Qualify BA acid NDs as UJ | |
| MS/MSD Recovery | 1) Within historical laboratory limits (QAPP) (if MS > 4X native levels)<br>Qualification of MS sample: <10% J detects, R NDs<br>>10% and <70% J detects, UJ -NDs<br>>130% J detects | Native sample – sample 03.<br>MS/MSD %Rs within MPC, except for the following SVOCs with low MS %R; 2,4,6 trichlorophenol, 2,4 dichlorophenol, phenol, 2-methylphenol, benzoic acid, and surrogate 2-Fluorobiphenyl. All MSD %R are within limits. | X | In sample 03 qualify non-detects as UJ for the following:- 2,4,6 trichlorophenol, 2,4 dichlorophenol, phenol, 2-methylphenol, benzoic acid, and surrogate 2- | |
| Cleanup Performance Check (if performed) | %R< 10% NDs-R detections J<br>%R>10% <LCL (80%GPC) –detections J, NDs UJ<br>%R>UCL (120%) – detections J<br>Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. Good surrogate recovery, GPC blank check – no carryover.(VOA/SV-IX-I6). Sulfur and High MW compounds removed.<br>Symmetrical peaks for all compounds | NA | - | - | |
| MS/MSD RPD | RPD ≤30% aq, <50% (S) J –detects in MS sample<br>UJ-non detects | Native sample 03<br>All MS %R was low in general but the MSD R% was in normal ranges. The MS/MSD RPD's were exceeded for 18 SVOCs. All SVOCS are qualified in sample 03 due to poor precision | X | Sample 03 qualify all non-detects as UJ | |
| Tune Check | Tune check within method parameters for DFTPP | The raw data sheets were used for validation. All tunes were within limits. | X | - | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| DDT degradation Instrument performance check | 1) Breakdown <20% DDT<br>2) benzidine and pentachlorophenol at normal response - no peak trailing (<3.0 benz. , <5.0 penta.)<br>Detections – J | Degradation checks performed with associated tune checks were all within limits. | X | - | |
| Field Dup RPD | 1) RPD ≤ 100% water; ≤ 100% soil for Results > PQL (FD pair only) J-detects (both > PQL)<br>2) If one > PQL, other ND, J-detections, UJ non-detect<br>Other conditions use judgement | One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>FD RPDs are shown on attached table, if sample results were detected.<br>All FD RPDs are within MPC. Overall precision is acceptable. | X | - | |
| Initial Cal (Linearity) | Correct calibration stds<br>%RSD < 15% use average RF for calibration<br>%RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995<br>or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte<br>1) CCCs %RSD: < 30% (acenaphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol)<br>2) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol<br>J –detects, R or UJ NDs all samples associated with Ical)<br>3) SPCCs Average RRF > 0.05: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol.<br>(J –detects, R NDs)<br>4) RRF>0.05 all target compounds RRT < 0.06 units (all stds within 30 sec)<br>5) *verify that instrument parameters met method and that Ical and analysis used the same parameters<br>6) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values.<br>7) *recalculate one tgt compound associated with each IS. Recalculated values within 10%<br>8) *option-review preparation logs to ensure cal stds are traceable to NIST stds.<br>9) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package) | Instrument: Buffy<br>Date: 29 oct 2005.<br>RRF>0.05 all SVOC's.<br>RSD < 15% criteria used for linearity of SVOC Ical. Acceptable linearity.<br>No samples qualified based on ICAL. | X | - | |
| 2nd Source ICV | %R (between ICV and Ical) analytes 80%--120% (USACE)<br>%D ≤ 25%, (+ or -) once per 5 pt cal<br>Qualification: J detects, R or UJ ND's | Instrument: Buffy<br>%D's within MPC limits for all SVOC's of concern, except for 4-chloroanaline. | X | Qualify 4-chloroaniline in all samples UJ | |

| REVIEW ITEMS | ACCEPTANCE CRITERIA | SAMPLES AFFECTED Narrative (samples listed on attached sheets) | Inve n-tory | QUAL | BIAS |
|---|---|---|---|---|---|
| CCV | 1) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol.<br>2) RRF all compounds > 0.05<br>3) CCC: (acenatphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol)<br>4) %D<20%. CCCs (QAPP -except surrogates).<br>5) Qualification-J detects, R or UJ Nods<br>6) %D<25% all compounds (Tier I).<br>7) RRF exclusions: surrogates,<br>8) *verify same instrument and parameters<br>9) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10% )<br>10) *Recalculate %D for one tgt cmpd associated with each IS (within 10%)<br>11) *IS RRT<0.06 units (30 sec)<br>12) * IS area -50 % to 100 % of last ICAL<br>13) *option-review preparation logs to ensure cal stds are traceable to NIST stds.<br>14) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package) | Instrument: Buffy<br>%D's within MPC limits | X | | |
| Compound Quantitation | 1) Check sensitivity (MDL< 1/3 PQL or per QAPP) | For target SVOC's the MDL< 1/3 PQL. Analytical sensitivity was adequate. No dilution required. Reporting limits were below the monitoring criteria for all compounds. | X | - | |
| Overall Evaluation of Data | 1) Appropriate method<br>2) Evaluate any analytical problems<br>3) Evaluate sampling errors – field contamination, sample hold times | Analytical Error Evalution:<br>The laboratory accuracy was acceptable. The laboratory precision is low. LCS within limits except for benzoic acid. MS low %R. Laboratory precision is low as the MS/MSD RPD>MPC for nearly all SVOCs.<br><br>ICAL; linear.<br>ICV: within limits for all SVOC's of concern, except for 4-chloronailine<br>CCV: within MPC limits<br><br>Sampling Error Evaluation:–<br>One field duplicate sample pair analyzed with this SDG samples 03 and 04.<br>FD RPDs are shown on attached table, if sample results were detected.<br>All FD RPDs are within MPC. Overall precision is acceptable. | X | - | |

*Tier III criteria.

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

**Lab Correspondence:** None.