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# GROUNDWATER PLUME DELINEATION FOR AIR SPARGING/SOIL VAPOR EXTRACTION DESIGN AND PCE SENTINEL WELL PLACEMENT

## OPERABLE UNIT No. 3: SITE 26

## NAVAL WEAPONS STATION - EARLE
## COLTS NECK, NEW JERSEY

*Issued:*

March 1, 2001

*Prepared for:*

Naval Facilities Engineering Command
10 Industrial Highway
Lester, PA 19113

*Prepared by:*

Foster Wheeler Environmental Corporation
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REMEDIAL ACTION CONTRACT N62472-94-D-0398
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## 1.0 INTRODUCTION

Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) has been contracted by the Northern Division, Naval Facilities Engineering Command (NORDIV) to delineate the groundwater plume contaminated by chlorinated hydrocarbons at Operable Unit No.3 (OU-3) Site 26, at the Naval Weapons Station (NWS) Earle located in Colts Neck, NJ. Direct-push technology was used to obtain groundwater samples from the shallow groundwater aquifer underlying Site 26. Samples were then analyzed for Volatile Organic Compounds (VOCs) by an on-site New Jersey-Certified mobile laboratory. Information gained from this field investigation was used to determine the placement of monitoring wells, air sparging wells, and soil vapor extraction wells in order to remediate the source area of the trichloroethene (TCE) and 1,2-dichloroethene (DCE) groundwater plume.

Due to detection of tetrachloroethene (PCE) during the groundwater plume delineation activities, an additional groundwater investigation was conducted on January 17 through 19, 2001 using the same direct-push technology and an on-site mobile laboratory. The objective of this additional groundwater investigation was to delineate the outer edge of the PCE plume and locate the placement of sentinel wells. The investigation results, including on-site laboratory analytical data, were used to determine the placement of sentinel monitoring wells for continued monitoring of the PCE plume.

This investigation report is being submitted to satisfy the pre-construction submittal requirements included in paragraph 1.2.1, Pre- and Post-Construction Documentation of the Statement of Services for Delivery Order No. 0055 under Remedial Action Contract No. N62472-94-D-0398. Detailed plans for the groundwater plume delineation and the Sampling and Analysis Plan can be found in the Final Remedial Action Plan for Air Sparging/Soil Vapor Extraction Operable Unit No.3: Site 26 (Foster Wheeler Environmental, 2000).

## 2.0 SITE LOCATION

NWS-Earle is located in the east-central area of Monmouth County in the town of Colts Neck, New Jersey (Figure 1). Site 26 (OU-3) is located immediately southwest of Building GB-1, which is located within the Ordnance Area on the Mainside portion of the NWS-Earle facility, at the intersection of Macassar and Midway Roads. Two railway lines run from the southwest to the northeast adjacent to the southern side of Building GB-1 (Figure 2). The main portion of the site is fenced and topography is relatively flat, approximately 150 feet above Mean Sea Level (MSL). The topography on the western portion of the site slopes to the southwest in the wooded area outside the fenced area. According to the 2-foot contour intervals on the GIS Map, there is a approximately 25 foot decrease in the topography from the western-most fenced area, to the tributary to Mingamhone Brook.

## 3.0 SITE HISTORY

Building GB-1 was reportedly used for the reconditioning of munition casings and shells. Solvents were used in the reconditioning process. Spent solvents and wash waters were discarded into an unknown receptacle, possibly a collection tray at a former paint spray booth, which drained to the process leaching system. The GB-1 process leaching system was apparently used for disposal of TCE, DCE, and/or related compounds. GB-1 is no longer used for processing activities. The facility is used for warehousing and storage.

Several studies have been conducted at the site, dating back to the Initial Assessment Study in 1982. Site inspections and a Remedial Investigation/Feasibility Study (RI/FS) were conducted in the early 1990's after NWS-Earle was placed on the National Priorities List (NPL). A Phase II RI was completed in 1996, and included: a soil gas survey at 68 locations; installation and sampling of groundwater monitoring wells; soil sampling; "direct push" groundwater sampling with on-site laboratory analysis; and cone penetrometer studies to delineate subsurface soil stratigraphy.

Groundwater samples collected from the direct-push samplers revealed an elongated plume of chlorinated compounds in shallow groundwater immediately southwest of Building GB-1. The contaminant plume was expected to be approximately 420 feet long by 150 feet wide, and appeared to be confined to an upper sand aquifer which extends to a depth of approximately 25 feet below ground surface (bgs). The upper sand aquifer is underlain by approximately 15 feet of low permeability silts and clays.

The leaching system and associated sludge immediately northwest of Building GB-1 were removed/remediated in 1998, as described in the Site 26 Close-Out Report prepared by Foster Wheeler Environmental in July 1998 (Foster Wheeler Environmental, 1998).

According to historical aerial photographs, there were two former buildings located on the western portion of the site. Both of these buildings were demolished in the late 1990's. There are allegations that the buildings were used for storing paints and paint thinners, as well as support functions for motor pool vehicles. There is also a small, round metal building (Bld. GB-02) on the southwest portion of the fenced area of Site 26. There is a septic tank and leach field associated with this building. In 1999, Foster Wheeler Environmental had water samples collected from the septic tank laboratory analyzed for VOCs. The analytical results of the water samples collected from the septic tank revealed that there were no detectable concentrations of VOCs remaining in the septic tank. Appendix A contains a summary of the Building GB-02 septic tank investigation. There was an insufficient quantity of sludge in the former septic tank to obtain a sediment sample.

## 4.0 SITE HYDROGEOLOGY

NWS-Earle is situated in the Coastal Plain Physiographic Province of New Jersey. The Coastal Plain consists of a series of seaward-dipping unconsolidated sediments of Cretaceous through Quaternary Age, deposited atop pre-Cretaceous bedrock. The Coastal Plain sediments were deposited in continental, coastal, and marine depositional environments, and consist of numerous sequences of sand and gravel, silt, and clay. These deposits generally strike northeast-southwest, and dip to the southeast at 10 to 60 feet per mile. The Coastal Plain section is nearly 900 feet thick beneath NWS-Earle.

Site 26 occurs in the outcrop area of the Kirkwood Formation, which ranges in thickness between 60 to 100 feet in the area. Soil borings at Site 26 have encountered light yellowish-brown sands and gravel (considered representative of upland gravel) and brownish-yellow, brown and gray, fine- to medium- and medium- to coarse-grained sands (indicative of the Kirkwood Formation). The sandy units are separated by intercalated silts, silty clay, and clay layers. According to soil borings logged during the investigation, as the topography slopes to the southwest, the clay layer and depth to groundwater decrease in depth.

### 4.1 Groundwater

Shallow groundwater at Site 26 occurs in part of the Kirkwood-Cohansey aquifer system, which is one of five major aquifer systems within the New Jersey Coastal Plain. The Kirkwood-Cohansey is a source of water throughout Monmouth County, and is reportedly used by residents within a 1-mile radius of NWS-Earle. All facilities located in the Mainside Administration area are connected to public water supply (New Jersey American Water). There are several potable wells operating on-Base, the closest of which is approximately 4,000 feet northeast (upgradient) of Site 26.

Shallow groundwater at Site 26 occurs under unconfined conditions within the upper sand unit (approximately 25 feet thick). A lower sand unit is separated from the upper sand by approximately 15 feet of low permeability silt and clay. The lower sand unit has a maximum thickness of 25 feet underlying the site, and is underlain by clayey silt. The shallow water table occurs at approximately 8-10 feet bgs on the central portion of the site, and becomes as shallow as 5 feet below grade to the southwest, adjacent to the tributary to Mingamahone Brook. According to information provided in the 1996 RI Report (B&R, 1996), groundwater flow is toward the southwest at approximately 0.0045 feet/foot. Based on existing data, there does not appear to be a significant seasonal variation in groundwater flow direction. Groundwater elevation data collected on November 9, 2000 confirm the southwest groundwater flow direction. Figure 2-1 depicts the groundwater contours from November 9, 2000.

## 5.0 NATURE AND EXTENT OF CONTAMINATION

Based on groundwater sampling conducted as part of the RI/FS, groundwater immediately southwest of Building GB-1 has been contaminated with chlorinated hydrocarbons (most significantly TCE and 1,2-DCE).

The probable source for the TCE and 1,2-DCE groundwater contamination is believed to have been a former septic system located adjacent to Building GB-1. A septic leach tank, believed to be the source of groundwater contamination at Site 26, was remediated in 1998, and the results are detailed in the Site 26 - Building GB-1 Close Out Report (Foster Wheeler Environmental, 1998).

While delineating the southwestern portion of the TCE/DCE groundwater plume, concentrations of tetrachloroethene (PCE) were detected at concentrations above the New Jersey Department of Environmental Protection (NJDEP) Groundwater Quality Criteria (TCE: 1 ppb and PCE: 1 ppb). Foster Wheeler Environmental notified the Navy of the PCE detection's, and the Navy gave Foster Wheeler Environmental technical direction to conduct additional groundwater investigative work at the site to evaluate the magnitude and extent of the PCE groundwater contamination.

The newly-discovered low-level PCE plume covers approximately 10 heavily wooded acres, and is located immediately southwest (downgradient) from the TCE/DCE plume that was targeted for SVE/AS remediation.

## 6.0 GROUNDWATER INVESTIGATION-DIRECT-PUSH/GROUNDWATER SAMPLING PROGRAM

Due to the time that has transpired since the 1995/96 Phase II RI, and the lack of measurable VOCs while installing and operating the AS/SVE pilot test wells, a confirmational groundwater sampling program was performed by Foster Wheeler Environmental. The primary objective of the sampling program was to confirm the magnitude and extent of the TCE/DCE groundwater plume in the shallow aquifer. A secondary objective for this sampling program was to determine the presence and magnitude of any vinyl chloride that may exist in the shallow aquifer. The presence of vinyl chloride may have impacted the recommended vapor-phase treatment option.

Groundwater sampling was conducted using a combination of existing monitoring wells, wells installed as part of the AS/SVE pilot test, and additional direct-push sampling locations. Groundwater samples were collected from monitoring wells MW26-01, MW26-05, and MW26-06, as well as from the pilot test air sparge well, AS-1. Approximately sixteen (16) HydroPunch samples were originally planned within the cleared area of Site 26. The Sampling and Analysis Plan is found in the Final Remedial Action Plan for Air Sparging/Soil Vapor Extraction Operable Unit No.3: Site 26, and documents the sample collection and analytical protocols for the program.

During the investigation of the TCE/DCE plume, unanticipated concentrations of PCE in the groundwater were encountered. The Navy was notified of the PCE, and Foster Wheeler Environmental received technical direction to continue the groundwater investigation to determine the aerial extent and magnitude of the PCE groundwater plume. As discussed previously, additional direct-push locations were required to find the boundaries of the larger than expected TCE/DCE plume and to delineate the unanticipated PCE plume to the southwest of the site.

In order to delineate the PCE plume, several access lines were cut through the heavily wooded area on the southwestern side of Site 26 in order to facilitate access to the area with the four-wheel drive direct push rig. One line was cut through the woods to the northwest, and another line was cut through the woods to the southwest. A lateral line was also cut through the woods to connect the two separate lines, to evaluate the groundwater concentrations between the two areas. The NWS-Earle Base Forester was contacted to obtain permission to cut down the necessary trees to access the woods. The northwest access leg was cut for a distance of approximately 400-feet from the edge of the woods, back to a small tributary to the Mingamahone Brook. The southwest leg was cut approximately 375-feet back from the edge of the woods.

Sample locations were "stepped out" based on results indicating exceedances of the New Jersey Ground Water Quality Standards (NJ-GWQS), and the delineation was considered complete when a sample location indicated groundwater concentrations below the NJ-GWQS. Fifty-six (56) groundwater samples were collected from the direct-push locations and analyzed for VOCs with the mobile laboratory during the initial investigation conducted from March 6 through March 17, 2000. Two groundwater samples on the western side of the Mingamahon Brook tributary were collected using a manual push-point sampling device since the direct-push rig could not cross the stream. Figure 3 depicts the direct-push locations and the VOC concentrations in the groundwater samples.

The topography of the site slopes to the west. According to the 2-foot contour intervals on the GIS Map, there is a 20 foot decrease in the topography from the area around the Former GB-02 Building, to the tributary to Mingamhone Brook. Based upon a review of the soil borings logged during the investigation, as the topography slopes to the west, the clay layer and depth to groundwater becomes shallow. Since the purpose of this investigation was to evaluate the groundwater concentrations of contaminants, only a few of the direct-push locations were logged for lithology. Figure 4 provides a cross section (A-A') of the northwestern area. Figure 5 provides a cross section (B-B') of the southwestern area. Figure 6 provides a cross section (C-C') of the lateral line between the area to the northwest and southwest. Foster Wheeler Environmental subcontracted $S_2C_2$ Inc. to provide the direct-push drill rig and the mobile laboratory to analyze the groundwater samples. Samples were collected from the direct-push locations after driving the push-point sampling device to the base of the shallow aquifer. The groundwater samples were obtained above the clay layer, which was located at a depth of approximately 23 feet bgs in the central portion of the site to approximately 8 feet bgs, extending to the southwest of the site. Groundwater samples were obtained from the push-point device using a peristaltic pump and dedicated Teflon-coated tubing with a ball-check valve. Following

collection of groundwater samples, all direct-push borings were sealed to ground surface using a bentonite-cement grout.

All groundwater samples were field analyzed for TCL VOCs via a portable gas chromatograph provided by $S_2C_2$, a New Jersey-Certified Mobile Laboratory. Eleven samples (including one duplicate and one trip blank) were submitted to ChemTech Laboratory (Edison, New Jersey) to confirm the field GC results. In addition, groundwater samples collected from the monitoring wells were laboratory analyzed for total iron, lead, and manganese. A discussion of the analytical results and comparison of the results to the NJ-GWQS are included in Section 7.0.

In order to verify the outer limits of the PCE plume, an additional groundwater investigative was performed from January 17 through 19 of 2001. Based upon the results of the initial investigation, eleven (11) additional groundwater samples were collected through direct-push technology and analyzed using on-site mobile laboratory for VOCs. The eleven (11) sample locations are shown in Figure 3 along with all the previous samples. On-site mobile laboratory analytical results are presented in Section 7.

### 6.1 Surface Water and Sediment Samples

Since the groundwater flow appeared to be to the west-southwest towards the tributary to Mingamahone Brook, surface water and sediment samples were also collected from the tributary in order to determine if there was any groundwater to surface water contamination associated with the PCE groundwater plume. Figure 7 depicts the surface water and sediment sample locations. Surface water samples were collected during low flow conditions from three areas: upstream (26SW01), immediately downstream from where the PCE plume approaches the stream (26SW03), and further downstream (26SW02) on the tributary to Mingamahone Brook. A second surface water sample (26SW04) was taken at the 26SW03 location after a heavy rain event, under high flow conditions. Two sediment samples (26SD01and 12SD02) were also obtained from the two downstream locations. The surface water samples were analyzed using the on-site mobile laboratory.

For each sample, the 10 gram aliquot of sediments (mainly sandy soil) was placed into a jar prepared for methanol preservation. Sediment samples were sent to ChemTech Laboratory for VOC analysis. Section 7.3 discusses the analytical sample results.

During the additional groundwater investigation conducted in January 2001, three (3) additional surface water samples (26SW05, 26SW06 and 26SW07) were collected from the tributary to evaluate if any PCE impacted surface water. Figure 7 presents the surface water sample locations. The analytical results of the three surface water samples are included in Section 7.

## 7.0 ANALYTICAL RESULTS OF THE SAMPLING PROGRAM

The following section provides a discussion of the analytical results of the groundwater investigation. Fifty-six (56) groundwater samples, collected from the direct-push locations, and

four groundwater samples, collected from existing wells, were sampled and analyzed utilizing the mobile laboratory. Nine samples and a duplicate sample were sent to ChemTech Laboratory for verification of the mobile laboratory results. Additional groundwater investigation results, which include eleven (11) direct-push groundwater samples and three (3) surface water samples, are also included and discussed in this section. The Laboratory Analytical Data is contained in Appendix B.

## 7.1 Well Sample Results

Groundwater samples collected from wells 26MW-01, 26MW-05, 26MW-06, and AS-1 were analyzed for VOCs. Samples from 26MW-01, 26MW-05, and 26MW-06 were also analyzed for total iron, lead and manganese. Samples were collected from the existing monitoring wells and AS-1 (after "low-flow" purging with a decontaminated submersible pump), via double-check valve bailers, to ensure sampled water was retrieved from the lower portion of the shallow aquifer. Refer to the Final Remedial Action Plan for Air Sparging/Soil Vapor Extraction Operable Unit No.3: Site 26 for detailed sample collection protocols. Appendix C contains the groundwater quality parameters measured in the field during sample collection.

VOCs were at non-detect levels in samples 26MW05-0001 and 26MW06-0001 in both the mobile and fixed lab analytical results. Monitoring well 26MW01 contained the highest concentrations of TCE (9,300 μg/l) detected at the site. The laboratory analytical results are located in Appendix B.

Samples 26MW01-0001, 26MW05-0001 and 26MW06-0001 were analyzed for total lead, iron, and manganese. Iron concentrations ranged from 7,240 μg/l to 16,800 μg/l in the three samples. Lead ranged from 4.9 μg/l to 7.2 μg/l, and manganese ranged from 14.8 μg/l to 95.3 μg/l.

## 7.2 Direct-Push Sample Results

Fifty-six HydroPunch locations were sampled for groundwater and analyzed for VOCs by the $S_2C_2$ mobile laboratory. Nine samples and a duplicate sample were sent to ChemTech Laboratory for verification of the mobile laboratory results. Cis 1,2-DCE (DCE), TCE, and PCE were all found at levels above the NJ-GWQS. DCE ranged from non-detect concentrations to 1700 μg/l. TCE concentrations ranged from non-detect to 2,000 μg/l. PCE ranged from non-detect to 77 μg/l. Chloroform was also found in some samples (maximum of 10 μg/l) slightly above the NJ-GWQS of 6 μg/l. Benzene was detected in one sample, above the NJ-GWQS, at 2.7 μg/l. All other VOCs were at non-detect levels or were detected at concentrations below the NJ-GWQS. Mobile laboratory concentrations were found to be very similar to the fixed laboratory results.

The eleven additional direct-push groundwater samples were analyzed for VOCs through the on-site mobile laboratory. PCE was reported above the NJ-GWQS for samples 26HP61 and 26HP66 with concentrations of 1 μg/l and 17 μg/l, respectively. Other analyzed VOCs were reported from non-detect to below the NJ-GWQS. Figure 3 depicts the direct-push locations and VOC concentrations. Appendix B contains the laboratory analytical results.

### 7.3 Surface Water and Sediment Sample Results

Four (4) surface water (26SW01, 26SW02, 26SW03, and 26SW04) and two (2) sediment samples (26SD01 and 26SD02) were collected from the tributary to the Mingamahone Brook and analyzed for VOCs in order to determine if there was any groundwater to surface water contamination associated with the PCE groundwater plume. During the additional groundwater investigation of January 2001, three (3) additional surface water samples were collected from the same tributary and analyzed for VOCs. The laboratory analytical results indicated that no VOCs were detected in the additional three (3) surface water samples (26SW5, 26SW6, and 26SW7). There were also no detectable concentrations of VOCs in the stream sediments. The laboratory analytical results of surface water and sediment are included in Appendix B.

## 8.0 CONCLUSION

### 8.1 Plume Boundaries

The groundwater investigation determined that the TCE and DCE plumes extend approximately 290 feet past the western edge of the cleared area of Site 26. Figure 8 depicts the extent of the TCE groundwater determined during the RI in 1995, and the iso-concentrations of TCE from the recent groundwater investigation. As depicted in the iso-concentration contours, the two areas of elevated TCE concentrations in the groundwater are located at the northwestern corner of Building GB-01 and underlying the southwest portion of the open area of Site 26. The locations and aerial extent of the concentrated TCE and DCE plumes have changed little since the RI in 1995. The recent groundwater investigation has determined that lesser concentrations of TCE and DCE have migrated west and southeast of the original plume configuration. The new western and southeastern extensions of the TCE/DCE groundwater plume contained relatively low concentrations of VOCs compared to the concentrations on the central portions of the site. The southern and southwestern extensions of the plume contained TCE and DCE concentrations only one order of magnitude above the NJGWQ, while the central portion of the TCE and DCE plume contained concentrations of TCE/DCE over three orders of magnitude.

Figure 9 depicts the groundwater PCE iso-concentration plume and the former TCE plume boundary. The PCE plume covers approximately 10 acres, and is located immediately southwest (downgradient) from the TCE/DCE plume that was targeted for AS/SVE remediation. PCE concentrations in shallow groundwater ranged from Non-Detect (ND) to 77 µg/L in the newly-discovered plume. The plume exists in a heavily-wooded area, southwest of Site 26 (Building GB-1) and south of the M-Group Bunker Area. Additional groundwater investigation using the direct-push technology indicated that the outer edge of the PCE plume extends across the tributary.

## 8.2 Proposed Monitoring Wells

Based on the current PCE plume configuration and hydrogeologic conditions of the site, Foster Wheeler Environmental proposed to install five (5) monitoring wells, as shown in Figure 9, to monitor the existing PCE plume. Figure 9 depicts both the existing monitoring wells and the proposed wells at Site 26. Based upon the groundwater data collected during the geoprobe investigation, the PCE plume is not migrating off-site. The sentinel monitoring wells will be used for continued monitoring to assure that the PCE is not migrating off-site. The followings are rationales for placement of the proposed monitoring wells:

- MW-1 – to monitor the southern edge of the PCE plume;
- MW-2 – to monitor the western edge of the PCE plume;
- MW-3 – to monitor the western edges of the PCE plume;
- MW-4 – to monitor the southwestern edge of the PCE plume; and
- MW-5 – to monitor the center of the PCE plume for future evaluation of potential natural attenuation process.

All of the five proposed monitoring wells will be installed and screened from the top of the underlying clay layer to the top of the water table. Therefore, the depth of the five proposed monitoring wells will be adjusted according to the elevation of the topography which decreases from approximately 150 feet above MSL on the main portion of the site, to approximately 125 feet above MSL near the tributary to the Mingamahone Brook.

The sentinel monitoring wells will be constructed of 2-inch diameter PVC screen (0.01 slot) installed from the top of the basal silt/clay layer to 2 feet above the water table. Two-inch diameter PVC riser will be installed from the screen to the surface, and the well will be completed with a protective steel casing approximately 2.5 feet above grade. Figure 11 provides a well construction diagram.

## 8.3 Fate and Transport

The PCE concentrations detected to date are not indicative of an existing, nearby source. In addition, since the TCE/DCE plume is located upgradient from the PCE plume, it is unlikely that the two plumes are related. As TCE and DCE are daughter products produced by natural degradation of PCE, TCE/DCE are normally found downgradient from an existing PCE plume. The former source of the PCE groundwater contamination may have been the septic tank and leach field at Building GB-02, or the former buildings located on the western portion of Site 26. The aerial photographs in Figures 8 and 9 depict the former buildings on the western portion of the site. The analytical results of the water from the Building GB-02 septic tank confirm that the septic tank is no longer a source of VOC contamination. Building GB-02 was demolished in 1998.

Chlorinated solvents can be biotransformed under anaerobic conditions in a process known as reductive dechlorination. Reductive dechlorination of PCE occurs in sequential dechlorination

from PCE to TCE to 1,2-DCE to vinyl chloride to ethene. Dissolved oxygen (D.O.) concentrations below 1 mg/l to 2 mg/l suggest anaerobic conditions, necessary for reductive dechlorination (Bruscheck and O'Reilly, 1997). Preliminary data collected during the groundwater sampling event and the AS/SVE pilot study revealed that the D.O. concentrations at the site range from 4.6 mg/l to 14 mg/l. Oxidation-reduction potential (ORP) measurements below +100 mV also suggest reducing conditions (Bruscheck and O'Reilly, 1997). The ORP measurements obtained during the groundwater sampling event revealed ORP groundwater readings ranging from 204 mV to 414 mV. These groundwater parameter measurements were obtained for the purpose of groundwater sampling and not for the determination of the anaerobic or aerobic environment of the groundwater. Additional data would be required to accurately assess the D.O. concentrations and ORP measurements in the groundwater across the aerial extent of the plume. The TCE/DCE iso-concentrations, located upgradient of the PCE plume suggest that the PCE is from a separate source area. The lack of TCE and DCE concentrations downgradient of the PCE plume suggests that the PCE is not dechlorinating into its degradation products

The AS/SVE remediation of the TCE and DCE plume was started as planned in the Final Remedial Action Plan for Site 26, dated February 11, 2000. Since the current TCE/DCE plume configuration differs from previous interpretations, the number and layout of the monitoring wells, sparge and SVE wells has been revised. Figure 10 depicts the layout of the sparge wells, SVE wells, and monitoring wells. The objective of the remedial action was to remediate the concentrated TCE and DCE groundwater contamination with the AS/SVE system. The designed layout did not change the original design specifications of the blowers to be used for the AS/SVE system. As depicted on Figure 10, the western and southeastern fingers of the TCE/DCE groundwater plume are not within the area of influence of the AS/SVE system. It is proposed that the two fingers of the lesser concentration TCE/DCE groundwater plume be addressed along with the PCE groundwater plume. Since the TCE, DCE, and PCE are all chlorinated hydrocarbons, the same treatment methodology can be employed to remediate the areas as necessary.

The five sentinel monitoring wells installed for the PCE groundwater plume will be analyzed for VOCs on a quarterly basis along with the other monitoring wells at Site 26, as specified in the approved Site 26 AS/SVE Work Plan.

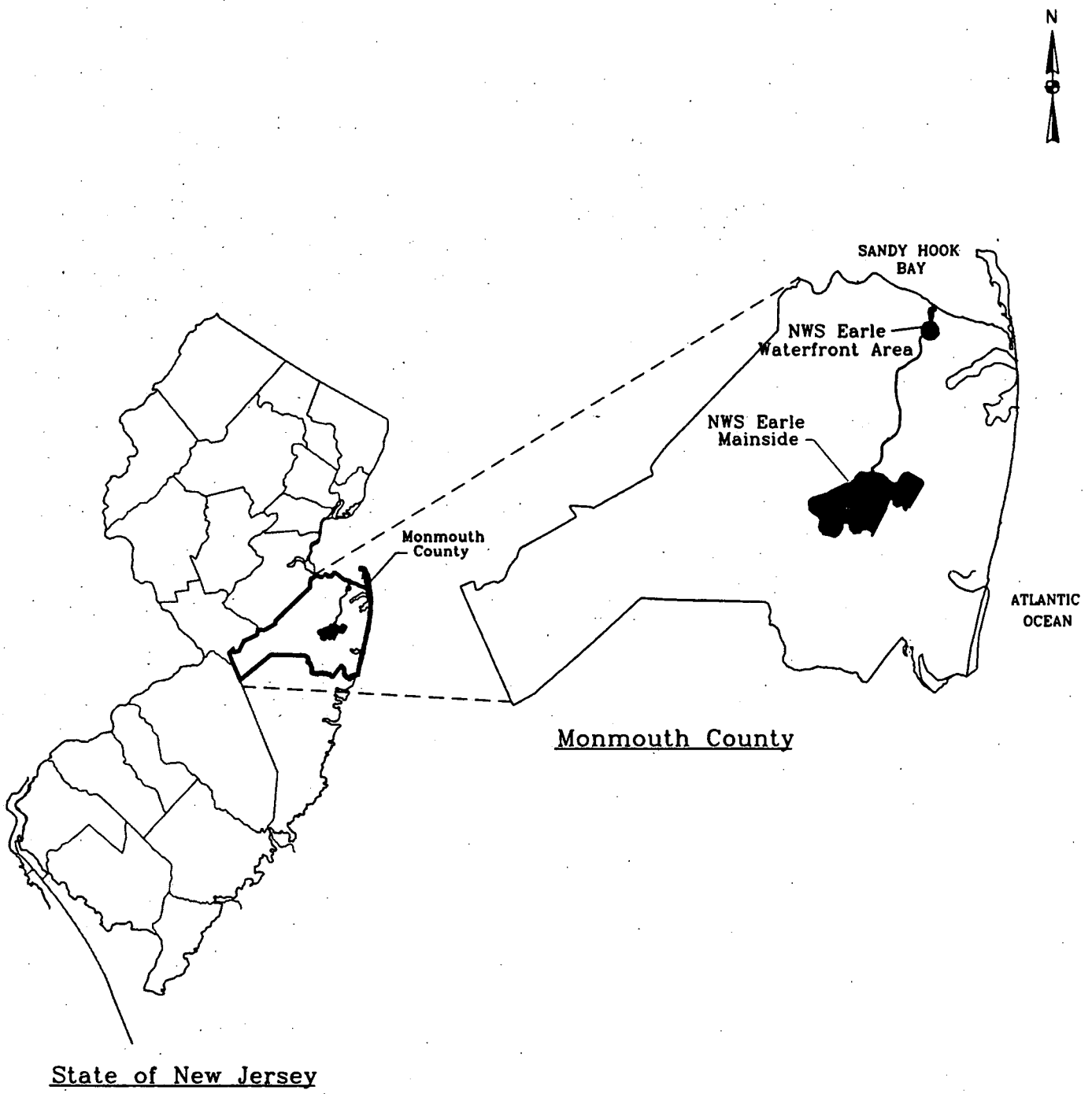
Upon completion of the effective remediation of the higher concentration TCE/DCE plume, the groundwater analyses of monitoring wells can be used to assess the impact of the groundwater remediation to the surrounding area, and a decision can be made to address the other plume areas.

## REFERENCES

Foster Wheeler Environmental, 2000. Site 26 – Building GB-1 Close Out Report.

Foster Wheeler Environmental, 2000. Final Remedial Action Plan for Air Sparging/Soil Vapor Extraction Operable Unit No. 3: Site 26.

Brown and Root, 1996. Final Draft Remedial Investigation Report for Naval Weapons Station-Earle, colts Neck, NJ.



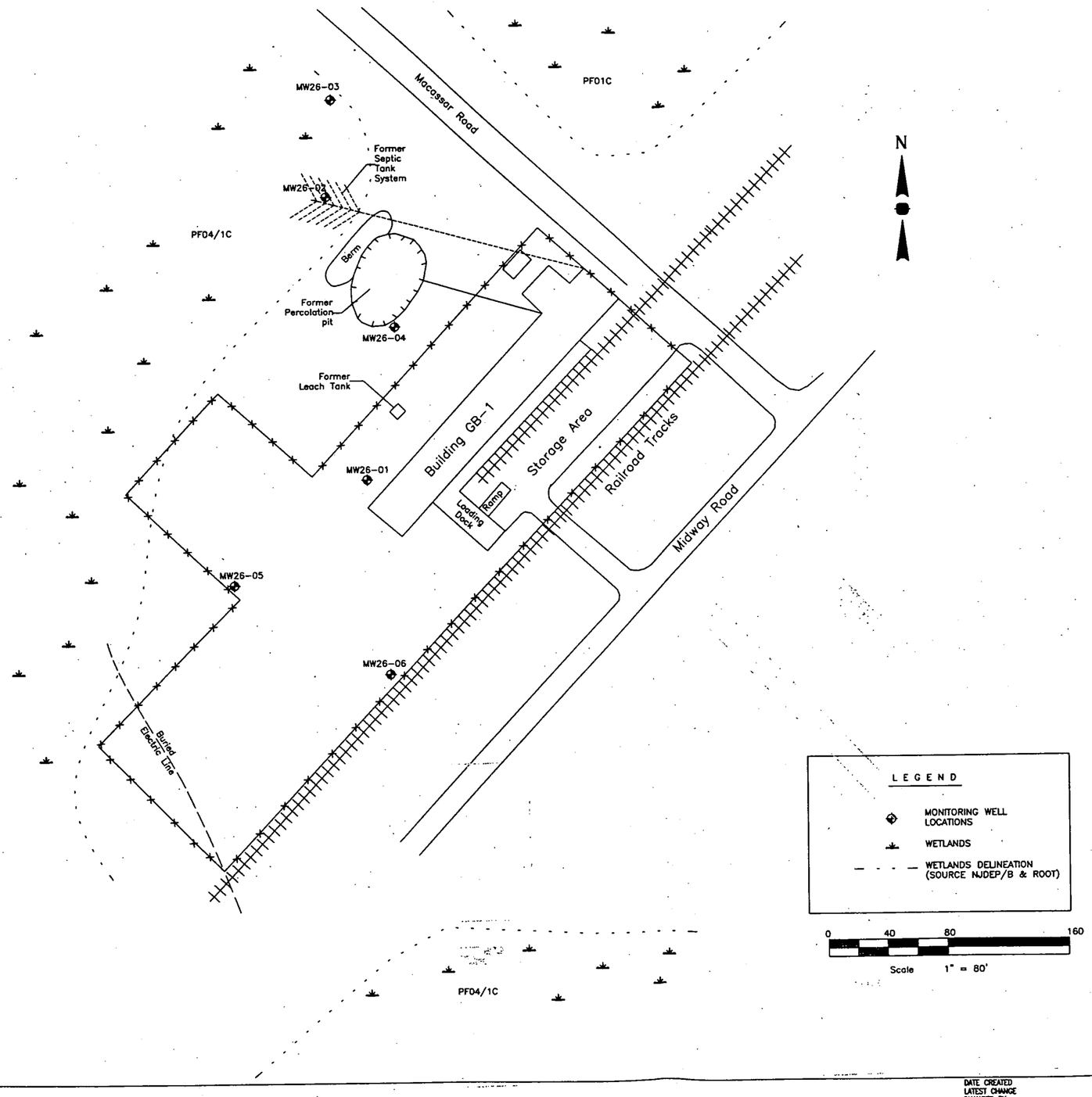

NOT TO SCALE

U.S. Navy RAC
NWS-Earle, Colts Neck, N.J.

Figure 1
Regional Site Map

FOSTER WHEELER ENVIRONMENTAL CORPORATION

earle\county




navyrac\earle\site26\fig2

DATE CREATED
LATEST CHANGE
CHANGED BY:

FOSTER WHEELER ENVIRONMENTAL

DSGN: DR: CHK:
SUP'V: CH. ENG:
SUBMITTED BY: (FWGI MEMBER) (TITLE) (DATE)
NORTHDIV DM: HD: HD: DR: FPE:
OFFICER IN CHARGE
APPROVED DATE

NAVAL FACILITIES ENGINEERING COMMAND
NORTHERN DIVISION
DEPARTMENT OF THE NAVY
LESTER PENNSYLVANIA

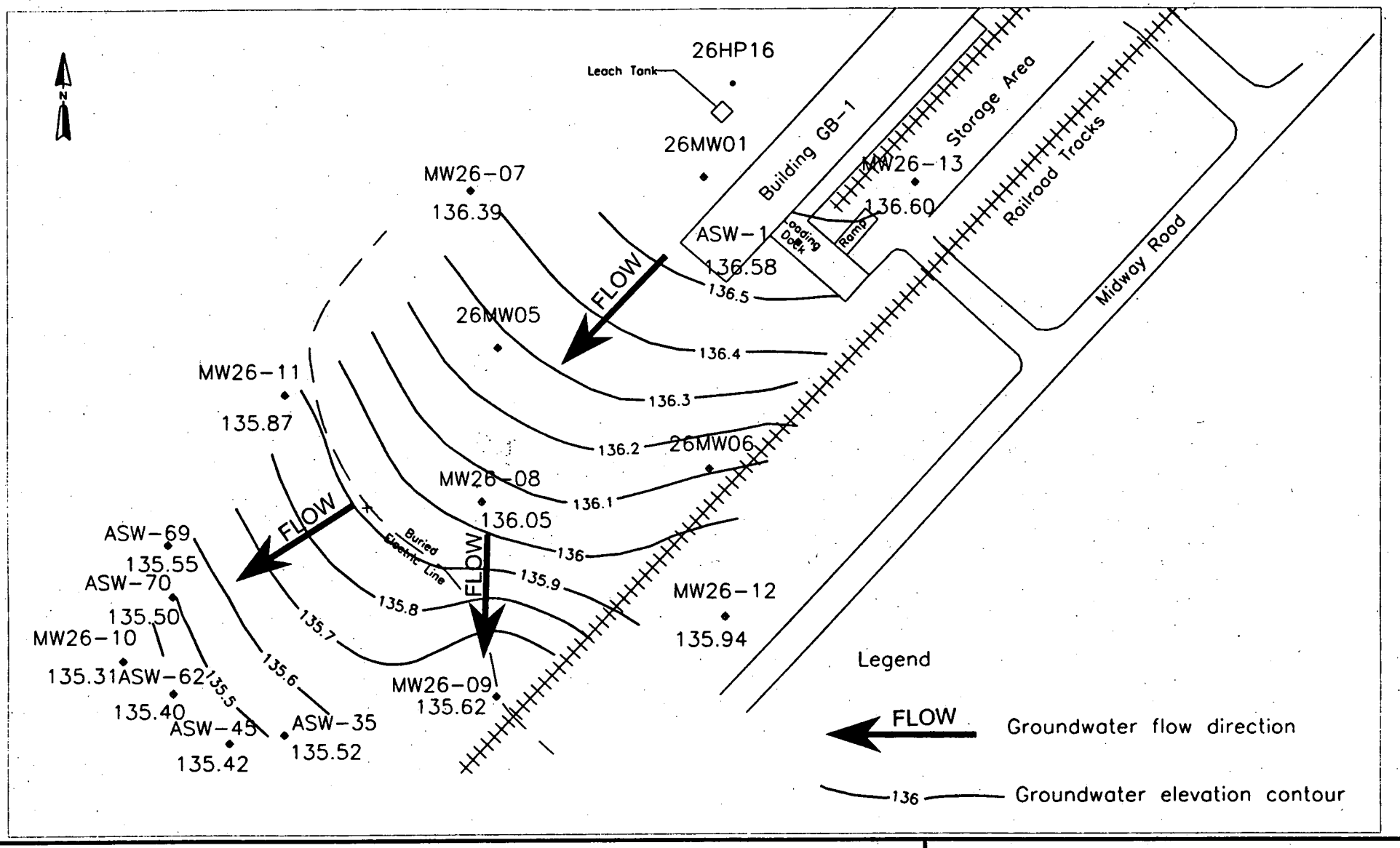
Figure 2
NWS Earle, Colts Neck, NJ
Site 26 Site Basemap

APPROVED
DATE NORTHDIV FOR COMMANDER, NAVFAC

SEAL AREA

SAT TO DATE

| | |
|---|---|
| CODE I.D. NO. | 80091 |
| SCALE : | N.T.S. |
| SPEC. NO. | 04- |
| CONSTRN. CONTR. NO. | |
| NAVFAC DRAWING NO. | |
| SHEET | OF |
| SIZE: B | DIS. SH. NO. |



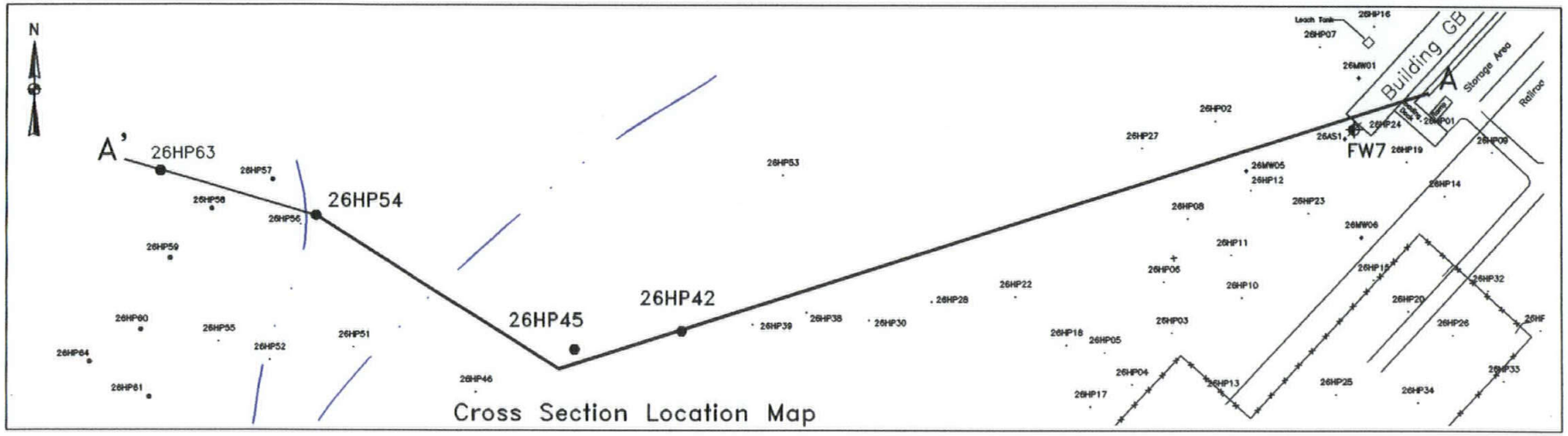

0 35 70
FEET

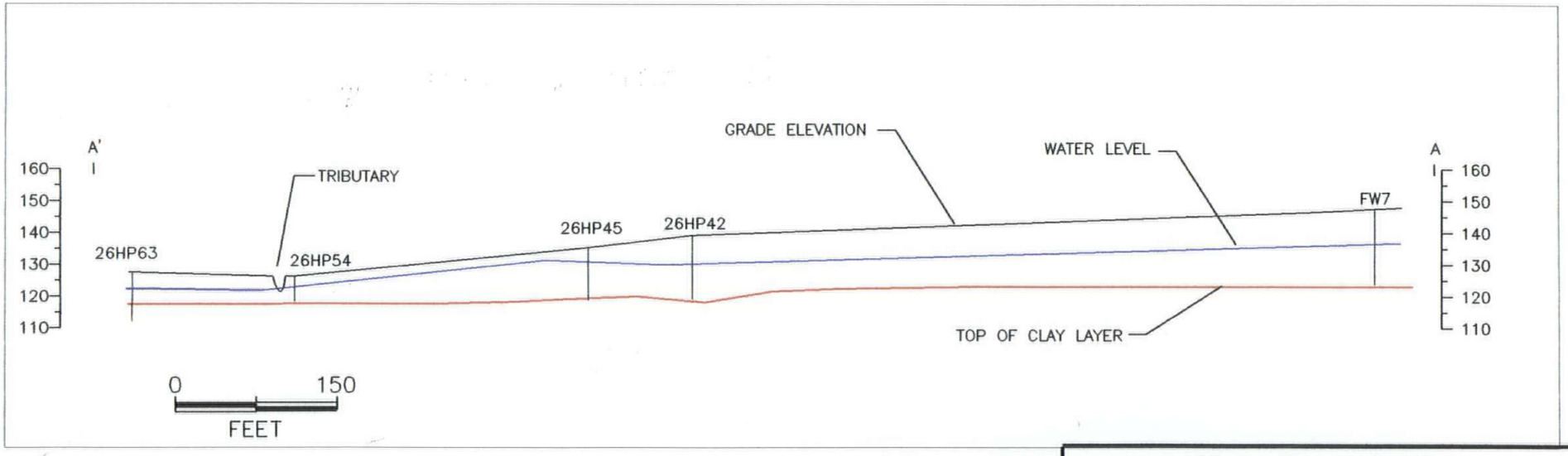
G:\GISPROJ\EARLESITE26\GW11_8_2000

U.S. Navy RAC
NWS Earl , Colts Neck, NJ

Figure 2-1
Groundwater Contour Elevations (11/9/00)

FOSTER WHEELER ENVIRONMENTAL CORPORATION




U.S. Navy RAC
NWS–Earle, Colts Neck, N.J.

Figure 4
Site 26
Cross Section A – A'

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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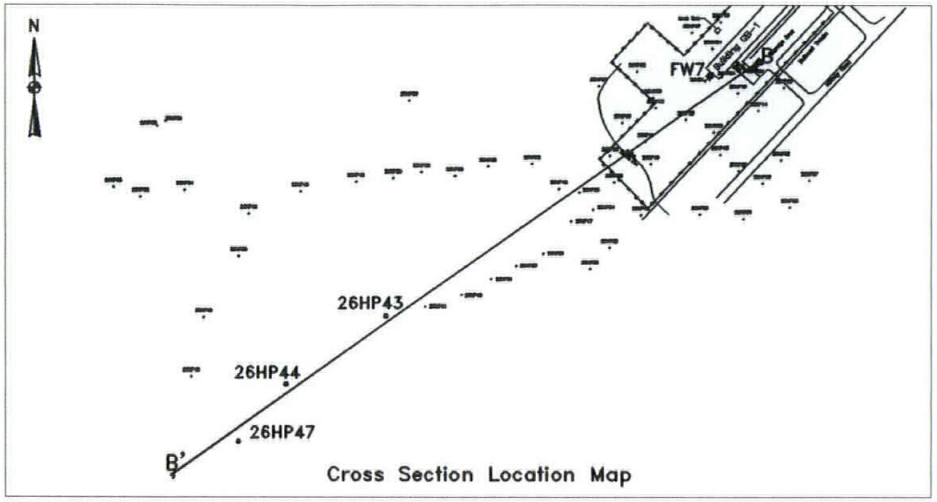
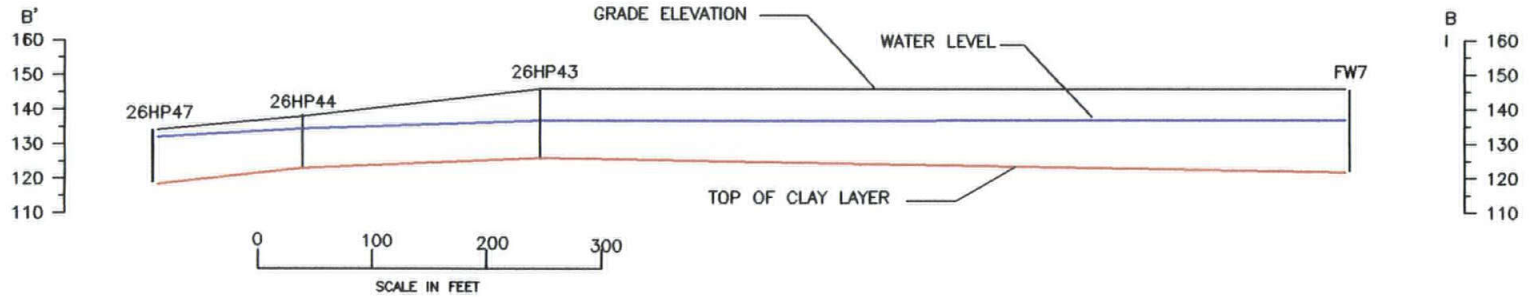



Cross Section Location Map




U.S. Navy RAC

NWS–Earle, Colts Neck, N.J.

Figure 5

Site 26

Cross–Section 'B–B'

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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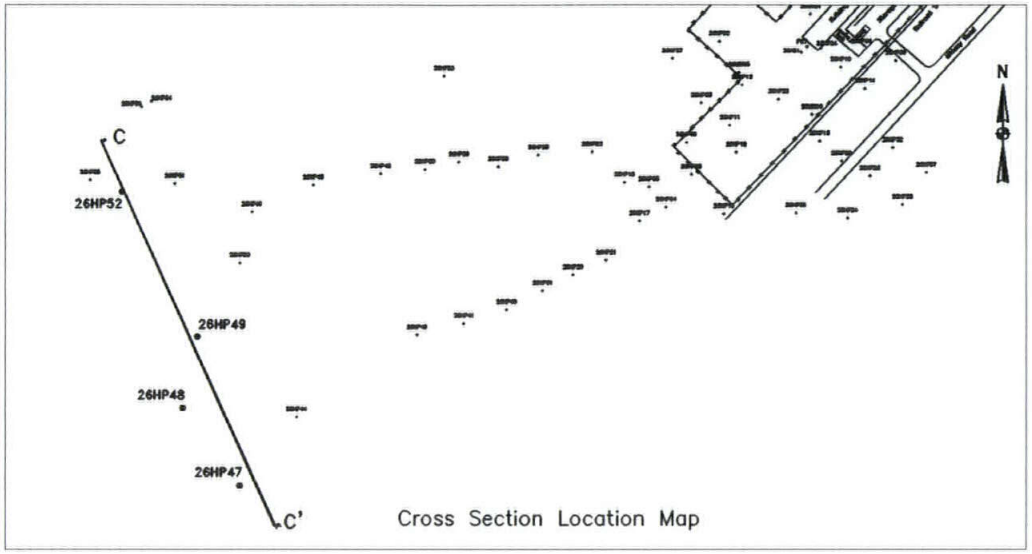


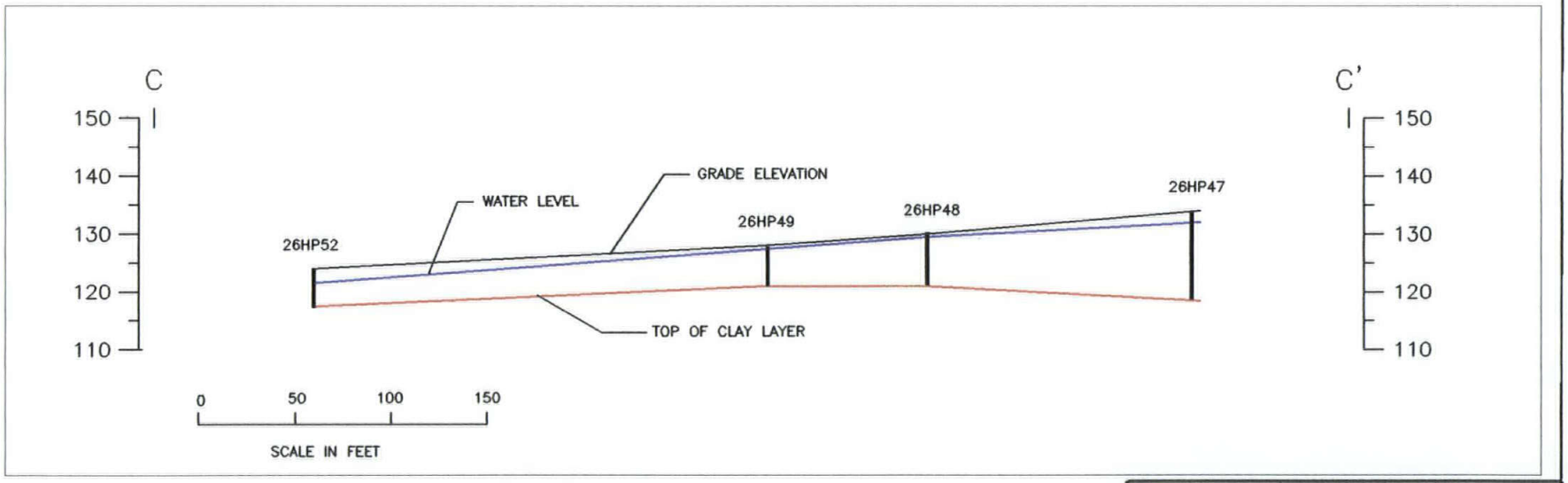


U.S. Navy RAC

NWS–Earle, Colts Neck, N.J.

Figure 6

Site 26
Cross–Section 'C–C'

FOSTER WHEELER ENVIRONMENTAL CORPORATION

gisproj\earlesite26\c–c.dwg

N
26SW01
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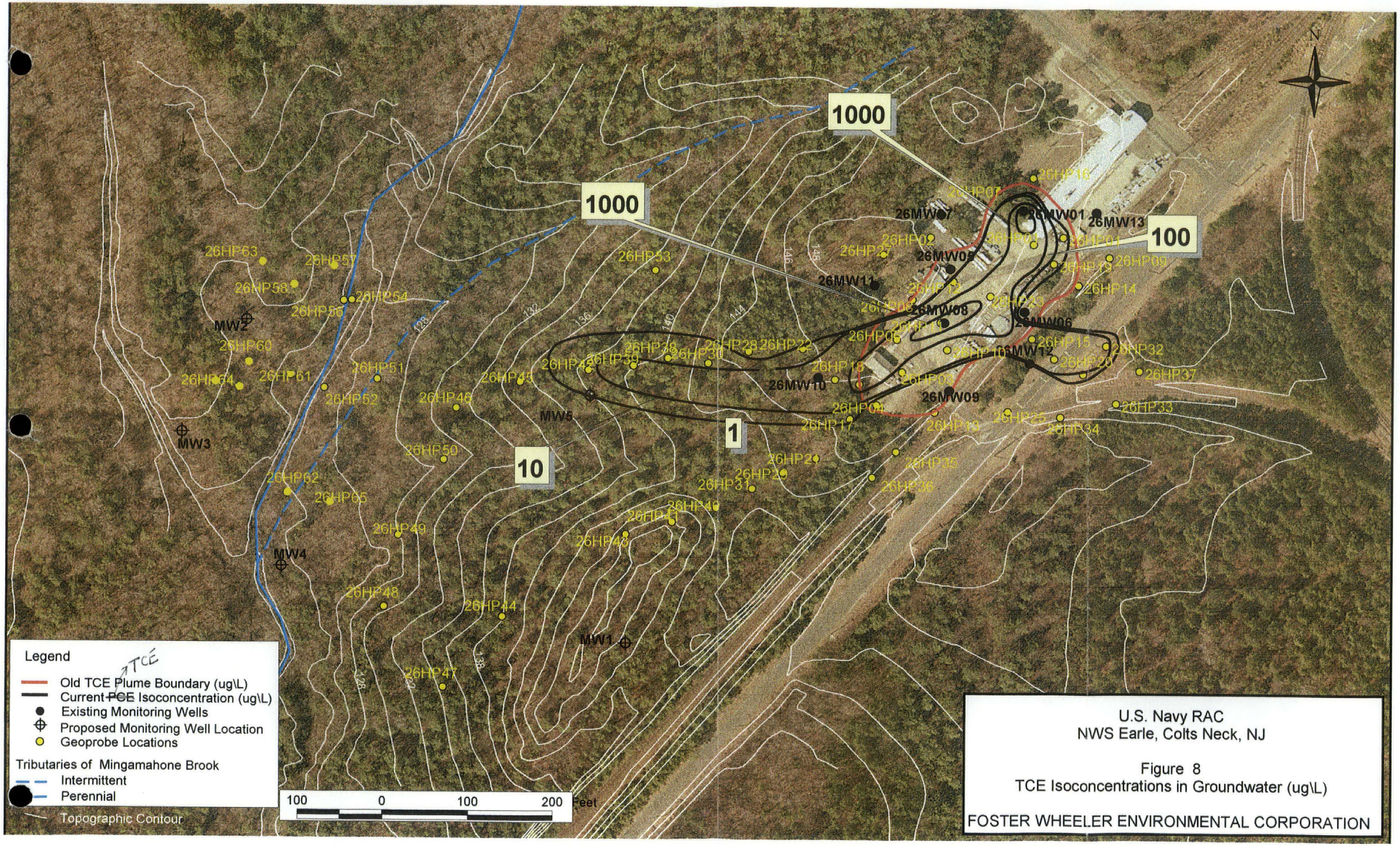
26SW04
26SD01
26SW05
26SW06
26SW07
26SW02
26SD02
70 0 70 140 Feet
Legend
Surface Water / Sediment Sample Locations
Tributaries of Mingamahone Brook
Intermittent
Perennial
U.S. Navy RAC
NWS Earle, Colts Neck, NJ
Figure 7
Surface Water/Sediment Sample Locations
FOSTER WHEELER ENVIRONMENTAL CORPORATION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26HP33
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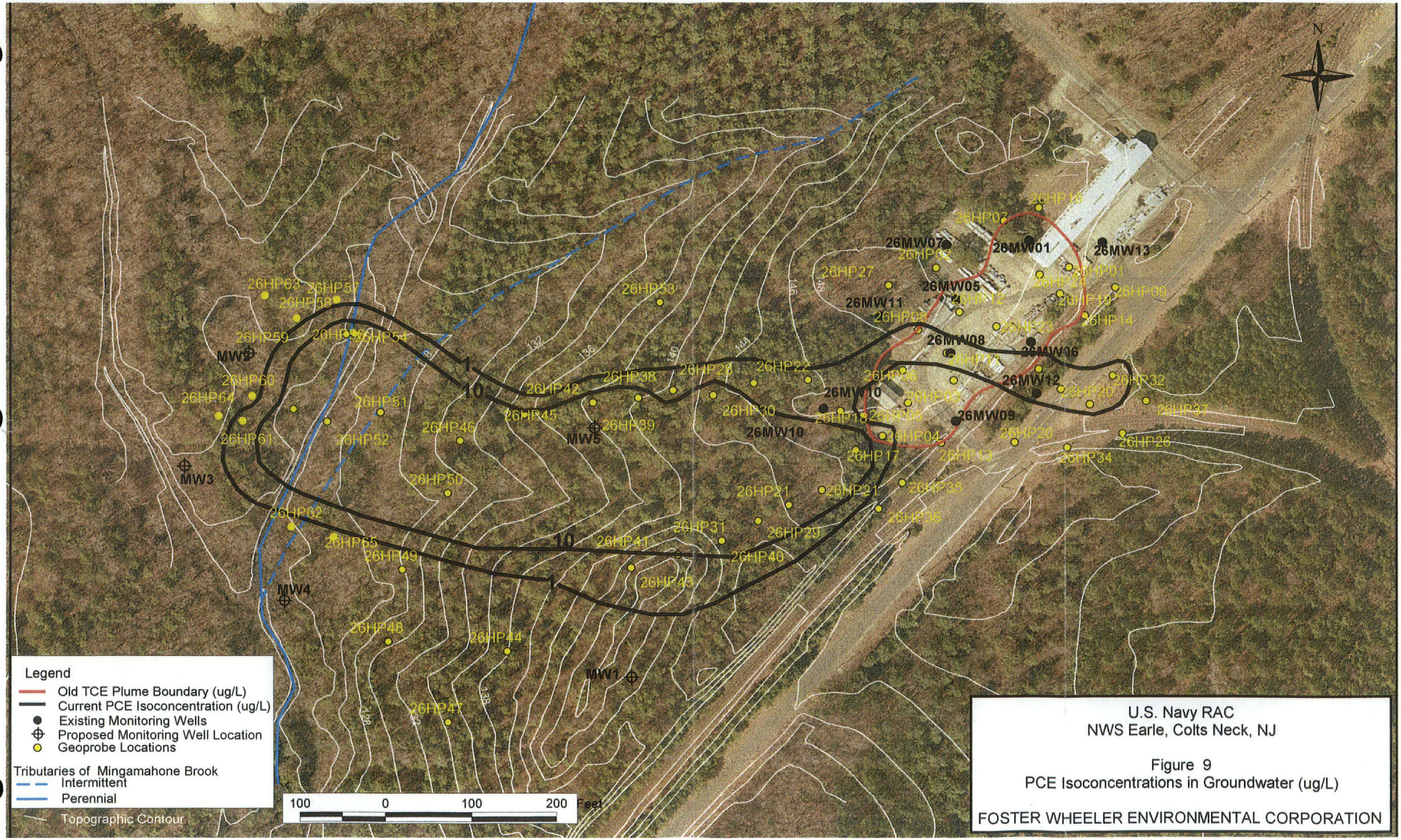
26HP25
26HP13
26HP17
26HP04
26HP18
26HP22
26HP28
26HP30
26HP39
Legend
Old TCE Plume Boundary (ug\L)
Current PCE Isoconcentration (ug\L)
Existing Monitoring Wells
Proposed Monitoring Well Location
Geoprobe Locations
Tributaries of Mingamahone Brook
Intermittent
Perennial
Topographic Contour
100 0 100 200 Feet
U.S. Navy RAC
NWS Earle, Colts Neck, NJ
Figure 8
TCE Isoconcentrations in Groundwater (ug\L)
FOSTER WHEELER ENVIRONMENTAL CORPORATION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26MW13
26MW05
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MW5
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26HP44
26HP47
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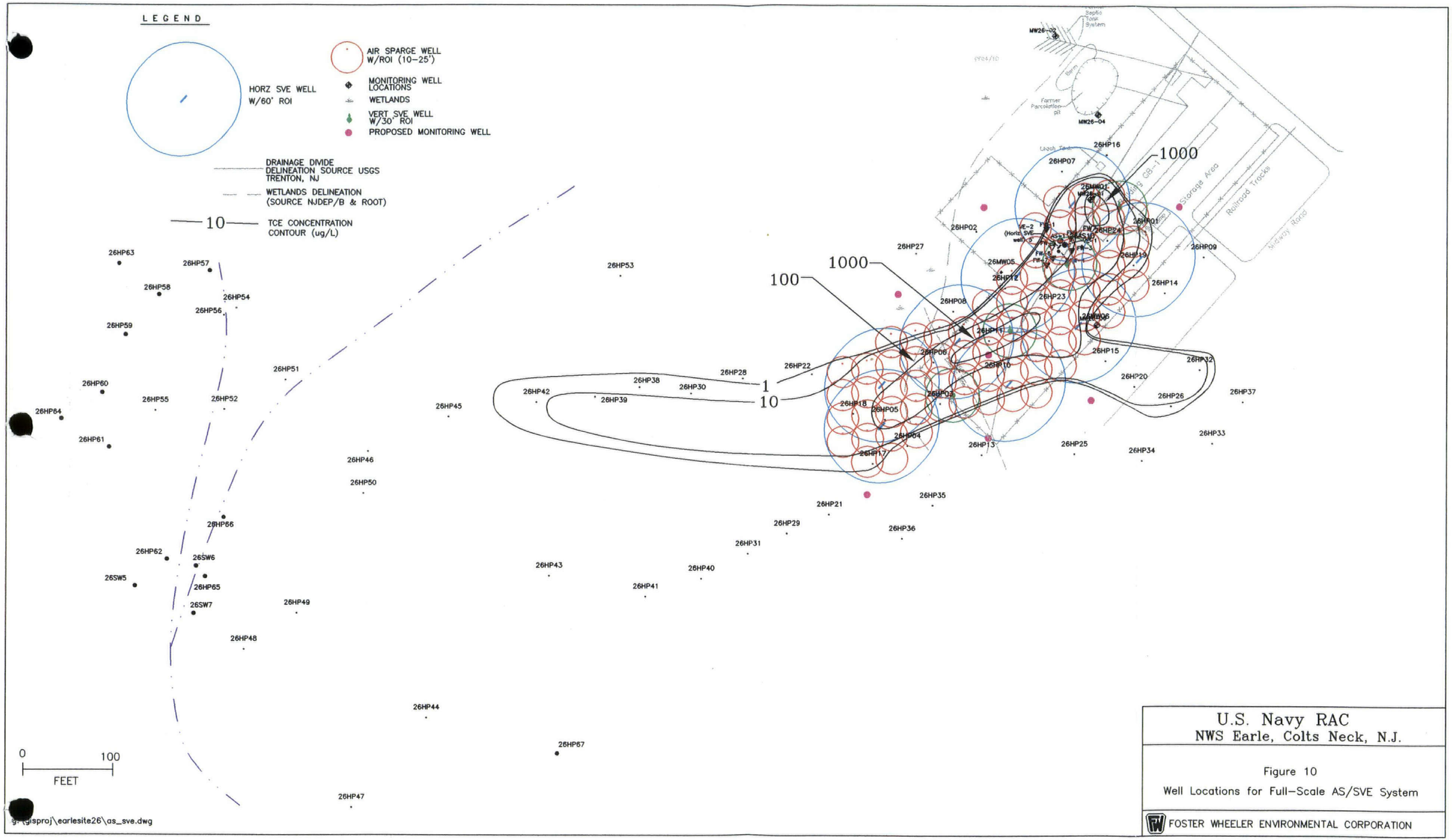
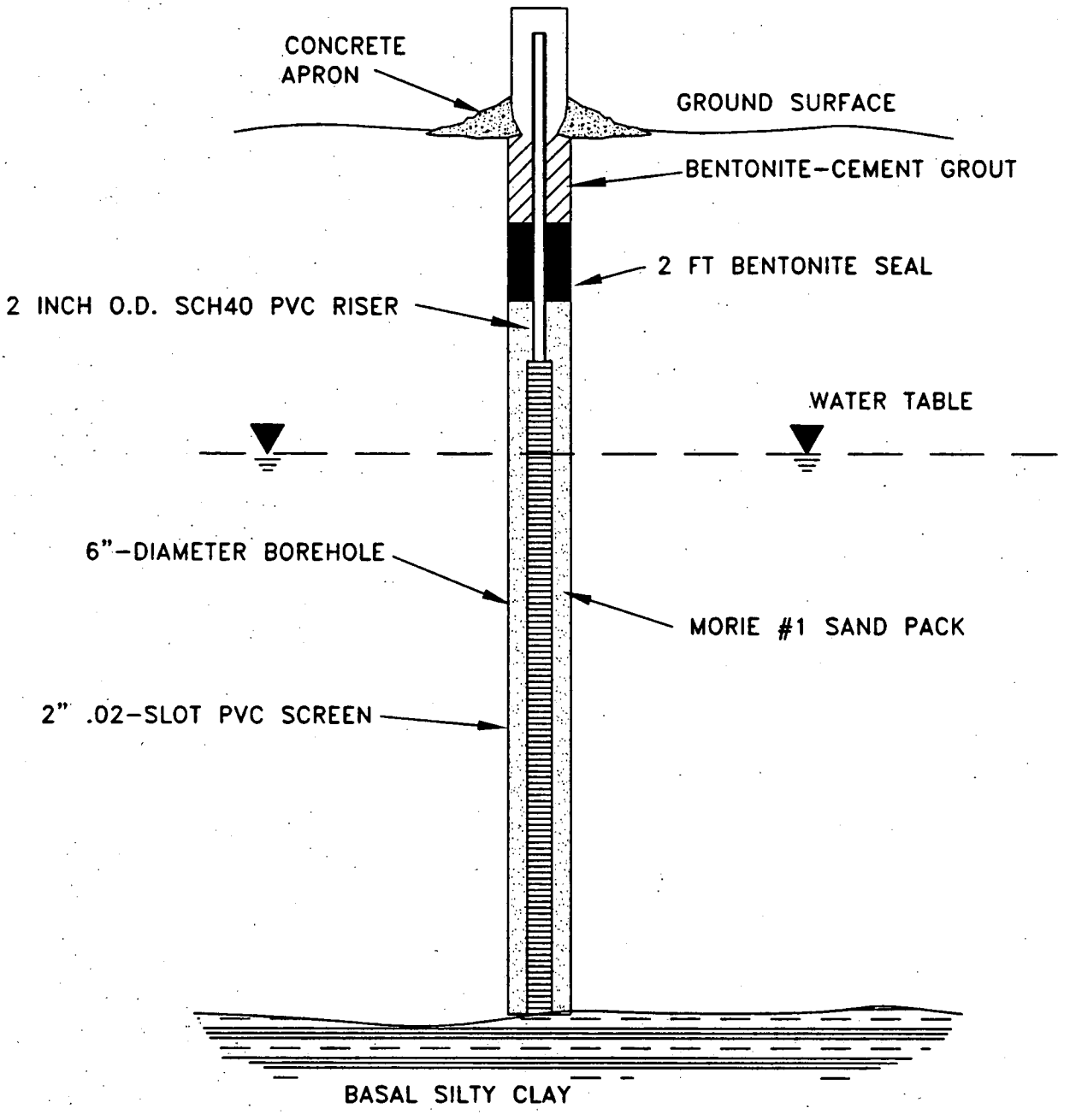
10
Legend
Old TCE Plume Boundary (ug/L)
Current PCE Isoconcentration (ug/L)
Existing Monitoring Wells
Proposed Monitoring Well Location
Geoprobe Locations
Tributaries of Mingamahone Brook
Intermittent
Perennial
Topographic Contour
100 0 100 200 Feet
U.S. Navy RAC
NWS Earle, Colts Neck, NJ
Figure 9
PCE Isoconcentrations in Groundwater (ug/L)
FOSTER WHEELER ENVIRONMENTAL CORPORATION




U.S. Navy RAC
NWS Earle, Colts Neck, N.J.

Figure 10
Well Locations for Full-Scale AS/SVE System

FOSTER WHEELER ENVIRONMENTAL CORPORATION




U.S. Navy RAC
NWS - Earle, Colts Neck, N.J.

Figure 11

Monitoring Well Construction Diagram

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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# APPENDIX A
# SUMMARY OF BUILDING GB-02 SEPTIC TANK INVESTIGATION

# SEPTIC TANK DELINEATION (Building GB-02)
# SAMPLE COLLECTION AT SITE 26
# AT
# NAVAL WEAPONS STATION - EARLE
# COLTS NECK, NEW JERSEY

*Issued:*

September 17, 1999

*Prepared for:*

**Naval Facilities Engineering Command**
**10 Industrial Highway**
**Lester, PA 19113**

*Prepared by:*


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**2300 Lincoln Highway**
**One Oxford Valley - Suite 200**
**Langhorne, PA 19047 - 1829**


**REMEDIAL ACTION CONTRACT N62472-94-D-0398**
**DELIVERY ORDER NO. 0034**

| Revision | Date | Prepared By: | Approved By: | Pages Affected |
|---|---|---|---|---|
| 0 | September 17, 1999 | C. Joblon | M. Heffron<br>J. Gorgal, P.E. | N/A |

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2.0 SUMMARY OF ACTIVITIES PERFORMED.....1

3.0 CONCLUSION.....2

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FIGURE 1 SAMPLE LOCATION MAP

## APPENDIX

APPENDIX A LABORATORY ANALYTICAL DATA

APPENDIX B SOIL BORING LOGS

## 1.0 INTRODUCTION

Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) has been contracted by the Northern Division, Naval Facilities Engineering Command (NORDIV) to collect soil delineation samples adjacent to and test the contents of a septic tank at Site 26, at the Naval Weapons Station (NWS) Earle located in Colts Neck, NJ. This report is being submitted to satisfy the submittal requirements included in paragraph 1.2.1, Pre- and Post-Construction Documentation of the Statement of Services for Delivery Order No. 0034 under Remedial Action Contract No. N62472-94-D-0398.

## 2.0 SUMMARY OF ACTIVITES PERFORMED

On August 17, 1999 geoprobe borings were completed at Site 26 to determine if any volatile organic contamination was associated with the Building GB-02 septic tank. Building GB-02 is a small, round, corrugated metal building located southwest of Building GB-01. Six soil borings were driven in close proximity to the septic tank. One soil boring was completed nearby, under abandoned painting equipment. Also, one aqueous sample was collected from the contents of the septic tank. Figure 1 depicts the sample locations. Samples were sent to ChemTech Laboratories for TAL Volatile Organic Compounds (VOC) analysis. Laboratory analytical data is included as Appendix A.

A geoprobe was used to advance a 4' by 2" sampling spoon with a disposable acetate liner. Maximum depth of borings was 14 feet below ground surface (BGS). Soil samples were collected just above the water table. Depth to water ranged between 8 and 12 feet BGS. A ten gram aliquot was removed by syringe from the interval to be sampled. It was then placed directly into the laboratory bottle with methanol for preservation. A bottle was also filled with soil for percent moisture analysis. Each boring interval was screened with a Photo Ionization Detector (PID), and no soil intervals were found to be above the instrument background levels (NAB). The boring logs are included as Appendix B.

Five samples were collected for VOC analysis from the borings driven in proximity to the septic tank (26SB01 through 26SB06). Soil boring 26SB01 was used to log the lithology, therefore, no sample was collected at 26SB01. Table 1 contains the analytical results. All soil VOC results were non-detect, except numerous samples had low levels of 2-Butanone (all below the criteria limit). 2-Butanone results were rejected for the samples due to the fact that a high quantity was found in the Trip Blank that accompanied the samples. No sample was found to exceed the Non-Residential Direct Contact Soil Cleanup Criteria (N.J.A.C. 7:26D) for VOCs.

One sample for VOC analysis was collected from the soil boring near the painting equipment. Again all analytical results were non-detect, except 2-Butanone. The 2-Butanone results will be rejected as explained above. The sample did not exceed the Non-Residential Direct Contact Soil Cleanup Criteria for VOCs.

The septic tank was checked for contents, and no sludge or bottom sediments were obvious. No dense non-aqueous liquid (DNAPL) or light non-aqueous liquid (LNAPL) was detected with the oil/water interface probe used to check tank contents. Approximately 3 feet of water is in the tank. The total volume of the tank is not known, but estimated to be less than 1,000 gallons.

One aqueous sample was collected from the contents of the septic tank (26AQ01) and analyzed for TAL VOCs. All analytical results were non-detect. The sample did not exceed the Groundwater Quality Criteria (N.J.A.C. 7:9-6) for VOCs.

## 3.0 CONCLUSION

Based on the analytical data, the soils surrounding the septic tank, and near the paint equipment show no VOC contamination. Field observations and analytical data indicate that the septic tank does not contain VOC contaminated liquid or sediment/sludge. The septic tank is not a source of the VOC groundwater plume at Site 26, and, can be abandoned in accordance with the septic tank guidelines established by the NJDEP.

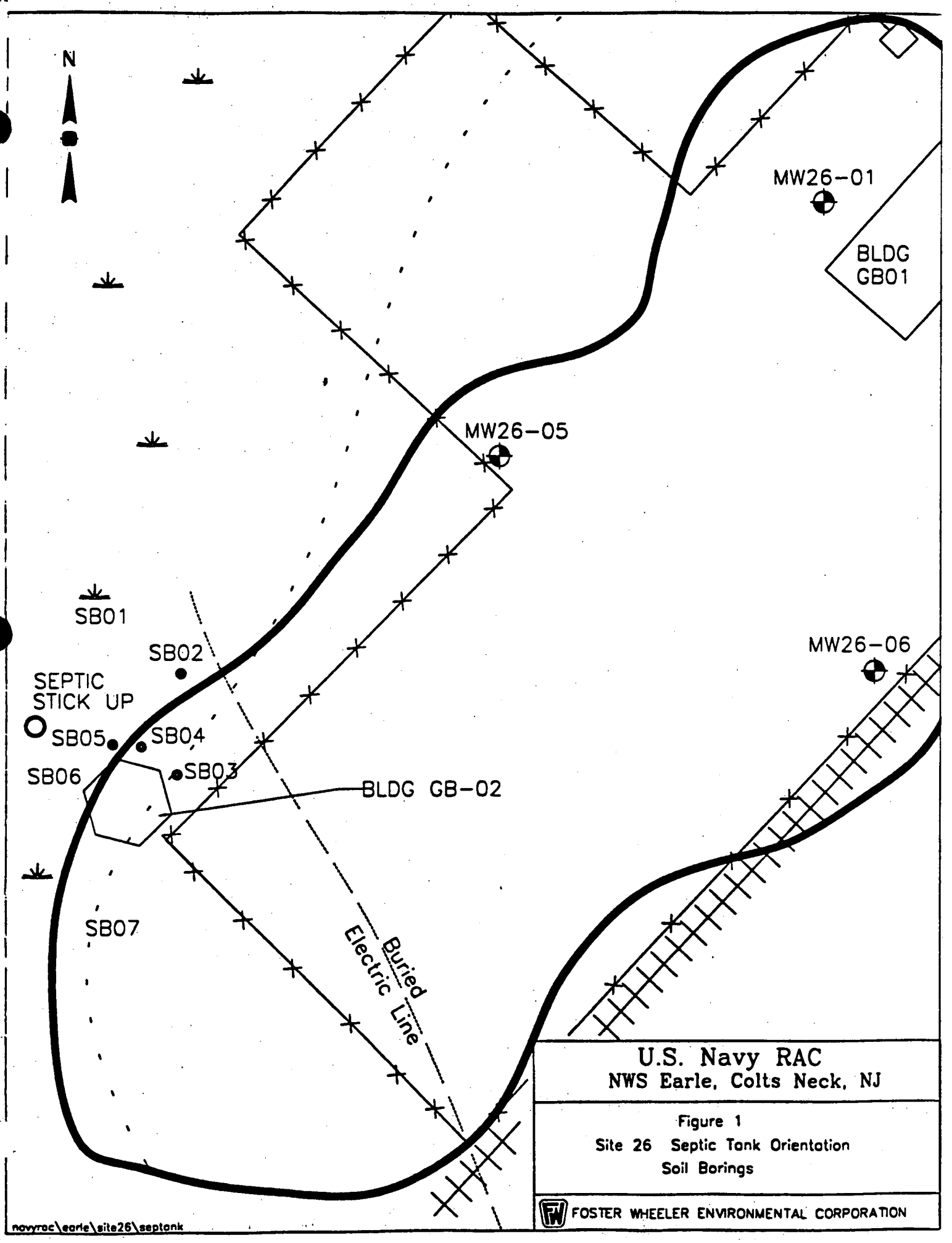
N
MW26-01
BLDG
GB01
MW26-05
SB01
SB02
SEPTIC
STICK UP
SB05
SB04
SB06
SB03
BLDG GB-02
MW26-06
SB07
Buried
Electric Line
U.S. Navy RAC
NWS Earle, Colts Neck, NJ
Figure 1
Site 26 Septic Tank Orientation
Soil Borings
FOSTER WHEELER ENVIRONMENTAL CORPORATION
novyrac\earle\site26\septank

TABLE 1-Site 26-TAL Volatile Organic Compounds-Soil

| SAMPLE ID | Non-Residential | 26SB02 | | 26SB03 | | 26DB04 | | 26SB04 | | 26SB05 | | 26SB06 | | 26SB07 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DATE COLLECTED | Direct Contact | 8/17/99 | | 8/17/1999 | | 8/17/1999 | | 8/17/1999 | | 8/17/1999 | | 8/17/1999 | | 8/17/1999 | |
| LOCATION | Soil Cleanup | SITE 26 | | SITE 26 | | SITE 26 | | SITE 26 | | SITE 26 | | SITE 26 | | SITE 26 | |
| MATRIX | Criteria | soil | | soil | | soil | | soil | | soil | | soil | | soil | |
| UNITS | mg/Kg | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | |
| DEPTH (feet BGS) | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | |
| Chromomethane | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Vinly Chloride | 7 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Bromomethane | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Chloroethane | NA | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,1-Dichloroethene | 150 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Acetone | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Carbon Disulfide | NA | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Methylene Chloride | 210 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| trans-1,2-Dichloroethene | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,1-Dichloroethane | 24 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| cis-1,2-Dichloroethene | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Chlor form | 28 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,1,1-Trichloroethane | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 2-Butanone [1] | 1000 | 1.10 | | 0.68 | U | 1.10 | | 1.10 | | 0.64 | U | 1.20 | | 1.00 | |
| Carbon Tetrachloride | 4 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Benz ne | 13 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,2-Dichloroethane | 24 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Trichloroethene | 54 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,2-Dichloropropane | 43 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Bromodichloromethane | 46 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| cis-1,3-Dichloropropene | 5 [2] | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Toluene | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| trans-1,3-Dichloropropene | 5 [2] | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,1,2-Trichloroethane | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 4-Methyl-2-Pentanone | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Tetrachloroethene | 6 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Dibr mochloromethane | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 2-Hexanone | NA | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Chl robenzene | 680 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Ethylbenzene | 1000 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| m&p-Xylenes | 1000 [3] | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| -Xylene | 1000 [3] | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Styr ne | 97 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| Brom form | 370 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| 1,1,2,2-Tetrachlor ethane | 70 | 0.65 | U | 0.68 | U | 0.69 | U | 0.66 | U | 0.64 | U | 0.64 | U | 0.64 | U |
| TICs (t tal) | NA | | U | | U | | U | | U | | U | | U | | U |

NA n t applicable
U non-d tect
1 2-Butanone found in Trip Blank at 139 mg/Kg.
2 total value combined

TABLE 2-Site 26-TAL Volatile Organic Compounds-Septic Tank Contents

| SAMPLE ID | GROUNDWATER | 26AQ01 | |
|---|---|---|---|
| DATE COLLECTED | QUALITY | 8/17/1999 | |
| LOCATION | CRITERIA | SITE 26 | |
| MATRIX | | aqueous | |
| UNITS | ug/L | ug/L | |
| DEPTH (feet BGS) | | | |
| COMMENTS | | | |
| Chromomethane | 30 | 1.8 | U |
| Vinly Chloride | 5 | 1.3 | U |
| Bromomethane | 10 | 1.7 | U |
| Chloroethane | NA | 2.0 | U |
| 1,2-Dichloroethene | 100 | 0.6 | U |
| Acetone | 700 | 5.0 | U |
| Carbon Disulfide | NA | 5.0 | U |
| Methylene Chloride | 2 | 0.7 | U |
| trans-1,2-Dichloroethene | 100 | 0.7 | U |
| 1,1-Dichloroethane | 70 | 0.4 | U |
| cis-1,2-Dichloroethene | 10 | 0.8 | U |
| Chloroform | 6 | 0.8 | U |
| 1,1,1-Trichloroethane | 30 | 0.9 | U |
| 2-Butanone | 300 | 5.0 | U |
| Carbon Tetrachloride | 2 | 1.5 | U |
| Benzene | 1 | 0.9 | U |
| 1,2-Dichloroethane | 2 | 0.9 | U |
| Trichloroethene | 1 | 1.0 | U |
| 1,2-Dichloropropane | 1 | 1.0 | U |
| Bromodichloromethane | 1 | 0.6 | U |
| cis-1,3-Dichloropropene | NA | 0.1 | U |
| Toluene | 1,000 | 1.0 | U |
| trans-1,3-Dichloropropene | NA | 0.2 | U |
| 1,1,2-Trichloroethane | 3 | 0.9 | U |
| 4-Methyl-2-Pentanone | 400 | 5.0 | U |
| Tetrachloroethene | 1 | 0.9 | U |
| Dibromochloromethane | 10 | 1.0 | U |
| 2-Hexanone | NA | 5.0 | U |
| Chlorobenzene | 4 | 0.9 | U |
| Ethylbenzene | 700 | 0.9 | U |
| m&p-Xylenes | 40 [1] | 1.3 | U |
| o-Xylene | 40 [1] | 0.9 | U |
| Styrene | 100 | 0.5 | U |
| Bromoform | 4 | 0.5 | U |
| 1,1,2,2-Tetrachloroethane | 2 | 1.1 | U |
| TICs (total) | NA | 5.30 | J |
| | | | |

NA not applicable
U non-detect
1 total vaule combined

Septic Delin Data.xls
AQUEOUS, TCL VOC

# APPENDIX B
# LABORATORY ANALYTICAL DATA

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP01 | | 26HP02 | | 26HP02 | | 26HP02D | | 26HP03 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00067-01 | | A00067-02 | | 15479 | | 15480 | | A00067-03 | |
| | DATE COLLECTED | | 3/6/00 | | 3/6/00 | | 3/6/00 | | 3/6/00 | | 3/6/00 | |
| | TIME COLLECTED | | 1025 | | 1115 | | 1115 | | 1115 | | 1245 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | CHEMTECH SPILT | | SPILT/DUPE | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 2.8 | U | 2.8 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 1.8 | U | 1.8 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 1.9 | U | 1.9 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 2.3 | U | 2.3 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | NR | | NR | | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 1.6 | U | 1.6 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 1.1 | U | 1.1 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 1.8 | U | 1.8 | U | **42** | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 1.5 | U | 1.5 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | **2.2** | J | 5.0 | U | 2.8 | U | 2.8 | U | **75** | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 3.6 | U | 3.6 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 0 | U | 0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 1.7 | U | 1.7 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 1.1 | U | 1.1 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 2.2 | J | 1.2 | U | 1.2 | U | 2.4 | J |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 1.6 | U | 1.6 | U | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 1.5 | U | 1.5 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 2.2 | U | 2.2 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 1.7 | U | 1.7 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 1 | U | 1 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | NR | | NR | | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | 5.8 | U | 5.8 | U | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | 1 | U | 1 | U | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | 5.6 | U | 5.6 | U | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | 1.6 | U | 1.6 | U | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | 1.3 | U | 1.3 | U | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | 1 | U | 1 | U | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | 3 | U | 3 | U | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | 9.6 | U | 9.6 | U | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | 12 | U | 12 | U | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | 3.2 | U | 3.2 | U | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | 1 | U | 1 | U | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | 1 | U | 1 | U | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | 1 | U | 1 | U | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | 1 | U | 1 | U | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**f r**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP04 | | 26MW060001 | | 26MW060001 | | 26HP05 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00067-04 | | A00067-05 | | 15484 | | A00067-06 | |
| | DATE COLLECTED | | 3/6/00 | | 3/6/00 | | 3/6/00 | | 3/6/00 | |
| | TIME COLLECTED | | 1330 | | 1345 | | 1345 | | 1425 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | MONITORING WELL | | CHEMTECH SPLIT | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 2.8 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 1.8 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 1.9 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 2.3 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | NR | | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 1.6 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 1.1 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 1.8 | U | **130** | |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 2.5 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 1.5 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 2.8 | U | **230** | E |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 3.6 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 1.7 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 1.1 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 1.2 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | **1.6** | J | 5.0 | U | 1.6 | U | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 1.5 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 2.2 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 1.7 | U | 1.9 | J |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 1 | U | 0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | NR | | 0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | 5.8 | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | 1 | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | 5.6 | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | 1.6 | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | 1.3 | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | 1 | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | 3 | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | 9.6 | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | 12 | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | 3.2 | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | 1 | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | 1 | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | 1 | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | 1 | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP06DL | | 26HP06 | | 26MW050001 | | 26MW050001 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00067-06DL | | A00067-07 | | A00067-08 | | 15483 | |
| | DATE COLLECTED | | 3/6/00 | | 3/6/00 | | 3/6/00 | | 3/6/00 | |
| | TIME COLLECTED | | 1425 | | 1505 | | 1510 | | 1510 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | DILUTION | | | | MONITORING WELL | | CHEMTECH SPLIT | |
| 74-87-3 | Chloromethane | 30 | 25 | U | 5.0 | U | 5.0 | U | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 5 | 25 | U | 5.0 | U | 5.0 | U | 1.8 | U |
| 74-83-9 | Bromomethane | na | 25 | U | 5.0 | U | 5.0 | U | 1.9 | U |
| 75-00-3 | Chloroethane | na | 25 | U | 5.0 | U | 5.0 | U | 2.8 | U |
| 10-71-31 | Acrylonitrile | 50 | 25 | U | 5.0 | U | 5.0 | U | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 25 | U | 5.0 | U | 5.0 | U | 1.6 | U |
| 75-09-2 | Methylene Chloride | 2 | 25 | U | 5.0 | U | 5.0 | U | 1.1 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | **130** | | **80** | | 5.0 | U | 1.8 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 67-66-3 | Chloroform | 6 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 25 | U | 5.0 | U | 5.0 | U | 2.5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 25 | U | 5.0 | U | 5.0 | U | 1.5 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 71-43-2 | Benzene | 1 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 79-01-6 | Trichloroethene | 1 | **240** | | **100** | | 5.0 | U | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 25 | U | 5.0 | U | 5.0 | U | 3.6 | U |
| 75-27-4 | Bromodichloromethane | 1 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 25 | U | 5.0 | U | 5.0 | U | 1.7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 25 | U | 5.0 | U | 5.0 | U | 1.1 | U |
| 75-25-2 | Bromoform | 4 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 108-88-3 | Toluene | 1000 | 25 | U | 5.0 | U | 5.0 | U | 1.2 | U |
| 127-18-4 | Tetrachloroethene | 1 | 25 | U | 5.0 | U | 5.0 | U | 1.6 | U |
| 108-90-7 | Chlorobenzene | 4 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 100-41-4 | Ethylbenzene | 700 | 25 | U | 5.0 | U | 5.0 | U | 1.5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 25 | U | 5.0 | U | 5.0 | U | 2.2 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 25 | U | 1.1 | J | 5.0 | U | 1.7 | U |
| 124-48-1 | Dibromochloromethane | 10 | 25 | U | 5.0 | U | 5.0 | U | 1 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 25 | U | 5.0 | U | 5.0 | U | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | 5.8 | U |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | 1 | U |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | 5.6 | U |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | 1.6 | U |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | 1.3 | U |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | 3 | U |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | 9.6 | U |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | 12 | U |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | 3.2 | U |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | 1 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | 1 | U |

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na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
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**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP07 | | 26HP08 | | 26AS10001 | | 26HP09 | | 26HP09 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00068-01 | | A00068-02 | | A00068-03 | | A00068-04 | | 15481 | |
| | DATE COLLECTED | | 3/7/00 | | 3/7/00 | | 3/7/00 | | 3/7/00 | | 3/7/00 | |
| | TIME COLLECTED | | 800 | | 910 | | 915 | | 945 | | 945 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | | | | | CHEMTECH SPLIT | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.8 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.9 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 2.3 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.6 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.1 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | **98** | | 5.0 | U | 1.8 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 2.5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.5 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | **23** | | 5.0 | U | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 3.6 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.1 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 2.5 | J | 5.0 | U | 5.0 | U | 1.2 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.6 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 2.2 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.7 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | 5.8 | U |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | 1 | U |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | 5.6 | U |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | 1.6 | U |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | 1.3 | U |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | 3 | U |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | 9.6 | U |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | 12 | U |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | 3.2 | U |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | 1 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | 1 | U |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
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J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP10 | | 26HP11 | | 26HP11DL | | 26HP11 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00068-05 | | A00068-06 | | A00068-06DL | | A00068-06DUP | |
| | DATE COLLECTED | | 3/7/00 | | 3/7/00 | | 3/7/00 | | 3/7/00 | |
| | TIME COLLECTED | | 1025 | | 1105 | | 1105 | | 1105 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | DILUTION | | DUPLICATE | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 3 | J | 120 | U | 120 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | **22** | | **1300** | E | **1700** | | **1500** | |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 3 | J | 120 | U | 120 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 6.2 | | 120 | U | 120 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 79-01-6 | Trichloroethene | 1 | **30** | | **1500** | E | **2000** | | **1900** | |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | **1.1** | J | 120 | U | 120 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 10 | | 120 | U | 120 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 120 | U | 120 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
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U-non-detect above the detection limit
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**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP11 | | 26HP11DL | | 26HP12 | | 26HP13 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | 15482 | | 15482DL | | A00068-07 | | A00068-08 | |
| | DATE COLLECTED | | 3/7/00 | | 3/7/00 | | 3/7/00 | | 3/7/00 | |
| | TIME COLLECTED | | 1105 | | 1105 | | 1235 | | 1320 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | CHEMTECH SPLIT | | SPLIT/DILUTION | | | | | |
| 74-87-3 | Chloromethane | 30 | 14 | U | 71 | UD | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 9.2 | U | 46 | UD | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 9.7 | U | 49 | UD | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 11 | U | 57 | UD | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | NR | | NR | | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 8.1 | U | 40 | UD | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.7 | U | 29 | UD | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | **1800** | E | **1500** | D | **58** | | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 0 | U | 61 | UD | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 7.3 | U | 37 | UD | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.1 | U | 26 | UD | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | **2500** | E | **2100** | D | **18** | | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 18 | U | 90 | UD | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 8.3 | U | 42 | UD | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.4 | U | 27 | UD | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 6.2 | U | 31 | UD | 2 | J | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | 8.1 | U | 41 | UD | 5.0 | U | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 7.4 | U | 37 | UD | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 11 | U | 56 | UD | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 45 | | 43 | UD | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5 | U | 25 | UD | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | NR | | NR | | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | 29 | U | 140 | UD | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | 5 | U | 25 | UD | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | 28 | U | 140 | UD | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | 8.1 | U | 41 | UD | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | 6.3 | U | 31 | UD | NR | | NR | |
| 74-95-3 | Dibromomethane | na | 5 | U | 25 | UD | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | 15 | U | 76 | UD | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | 48 | U | 240 | UD | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | 61 | U | 300 | UD | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | 16 | U | 80 | UD | NR | | NR | |
| 100-42-5 | Styrene | 100 | 5 | U | 25 | UD | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | 5 | U | 25 | UD | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | 5 | U | 25 | UD | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | 5 | U | 25 | UD | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
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**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26MW010001 | | 26MW010001DL | | 26MW010001 | | 26MW010001DL |
|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00068-09 | | A00068-09DL | | 15485 | | 15485DL |
| | DATE COLLECTED | | 3/7/00 | | 3/7/00 | | 3/7/00 | | 3/7/00 |
| | TIME COLLECTED | | 1310 | | 1310 | | 1310 | | 1310 |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L |
| | COMMENTS | | MONITORING WELL | | DILUTION | | CHEMTECH SPLIT | | SPILT/DILUTION |
| 74-87-3 | Chloromethane | 30 | 120 | U | 250 | U | 14 | U | 140 |
| 75-01-4 | Vinyl Chloride | 5 | 120 | U | 250 | U | 9.2 | U | 92 |
| 74-83-9 | Bromomethane | na | 120 | U | 250 | U | 9.7 | U | 97 |
| 75-00-3 | Chloroethane | na | 120 | U | 250 | U | 11 | U | 110 |
| 10-71-31 | Acrylonitrile | 50 | 120 | U | 250 | U | NR | | NR |
| 75-35-4 | 1,1-Dichloroethene | 2 | 120 | U | 250 | U | 8.1 | U | 81 |
| 75-09-2 | Methylene Chloride | 2 | 120 | U | 250 | U | 5.7 | U | 57 |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | **1800** | | **1900** | | **2300** | E | **1900** |
| 75-34-3 | 1,1-Dichloroethane | 70 | 120 | U | 250 | U | 5 | U | 50 |
| 67-66-3 | Chloroform | 6 | 120 | U | 250 | U | 5 | U | 50 |
| 107-06-2 | 1,2-Dichloroethane | 2 | 120 | U | 250 | U | 12 | U | 120 |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 120 | U | 250 | U | 7.3 | U | 73 |
| 56-23-5 | Carbon Tetrachloride | 2 | 120 | U | 250 | U | 5.1 | U | 51 |
| 71-43-2 | Benzene | 1 | 120 | U | 250 | U | 5 | U | 50 |
| 79-01-6 | Trichloroethene | 1 | **4300** | E | **4600** | | **5800** | E | **4800** |
| 78-87-5 | 1,2-Dichloropropane | 1 | 120 | U | 250 | U | 18 | U | 180 |
| 75-27-4 | Bromodichloromethane | 1 | 120 | U | 250 | U | 5 | U | 50 |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 120 | U | 250 | U | 5 | U | 50 |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 120 | U | 250 | U | 8.3 | U | 83 |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 120 | U | 250 | U | 5.4 | U | 54 |
| 75-25-2 | Bromoform | 4 | 120 | U | 250 | U | 5 | U | 50 |
| 108-88-3 | Toluene | 1000 | 120 | U | 250 | U | 6.2 | U | 62 |
| 127-18-4 | Tetrachloroethene | 1 | 120 | U | 250 | U | 8.1 | U | 81 |
| 108-90-7 | Chlorobenzene | 4 | 120 | U | 250 | U | 5 | U | 50 |
| 100-41-4 | Ethylbenzene | 700 | 120 | U | 250 | U | 7.4 | U | 74 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 120 | U | 250 | U | 11 | U | 110 |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 120 | U | 250 | U | 46 | U | 86 |
| 124-48-1 | Dibromochloromethane | 10 | 120 | U | 250 | U | 5 | U | 50 |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 120 | U | 250 | U | NR | | NR |
| 67-64-1 | Acetone | 700 | NR | | NR | | 29 | U | 290 |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | 5 | U | 50 |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | 28 | U | 280 |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | 8.1 | U | 81 |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | 6.3 | U | 63 |
| 74-95-3 | Dibromomethane | na | NR | | NR | | 5 | U | 50 |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | 15 | U | 150 |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | 48 | U | 480 |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | 61 | U | 610 |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | 16 | U | 160 |
| 100-42-5 | Styrene | 100 | NR | | NR | | 5 | U | 50 |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | 5 | U | 50 |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | 5 | U | 50 |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | 5 | U | 50 |

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na-not applicable
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U-non-detect above the detection limit
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**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | | 26HP15 | | 26HP14 | | 26HP16 | | 26HP17 | | 26HP18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | | A00068-10 | | A00068-11 | | A00069-01 | | A00069-02 | | A00069-03 |
| | DATE COLLECTED | | | 3/7/00 | | 3/7/00 | | 3/8/00 | | 3/8/00 | | 3/8/00 |
| | TIME COLLECTED | | | 1415 | | 1450 | | 800 | | 845 | | 930 |
| | MATRIX | | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS |
| | UNITS | | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L |
| 74-87-3 | Chloromethane | 30 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-01-4 | Vinyl Chloride | 5 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 74-83-9 | Bromomethane | na | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-00-3 | Chloroethane | na | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 10-71-31 | Acrylonitrile | 50 | | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-35-4 | 1,1-Dichloroethene | 2 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-09-2 | Methylene Chloride | 2 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | D | **57** | | 5.0 | U | 5.0 | U | 2.1 | J | **30** |
| 75-34-3 | 1,1-Dichloroethane | 70 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 67-66-3 | Chloroform | 6 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 107-06-2 | 1,2-Dichloroethane | 2 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 56-23-5 | Carbon Tetrachloride | 2 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 71-43-2 | Benzene | 1 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 79-01-6 | Trichloroethene | 1 | D | **88** | | 5.0 | U | 5.0 | U | **5.3** | | **56** |
| 78-87-5 | 1,2-Dichloropropane | 1 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-27-4 | Bromodichloromethane | 1 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 75-25-2 | Bromoform | 4 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 108-88-3 | Toluene | 1000 | UD | 1.4 | J | 5.0 | U | 1.6 | J | 5.0 | U | 1.4 |
| 127-18-4 | Tetrachloroethene | 1 | UD | **1.8** | J | 5.0 | U | 5.0 | U | **50** | | **5.9** |
| 108-90-7 | Chlorobenzene | 4 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 100-41-4 | Ethylbenzene | 700 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | UD | 1.1 | J | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 124-48-1 | Dibromochloromethane | 10 | UD | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| 67-64-1 | Acetone | 700 | UD | NR | | NR | | NR | | NR | | NR |
| 75-15-0 | Carbon Disulfide | na | UD | NR | | NR | | NR | | NR | | NR |
| 78-93-3 | 2-Butanone | 300 | UD | NR | | NR | | NR | | NR | | NR |
| 74-97-5 | Bromochloromethane | na | UD | NR | | NR | | NR | | NR | | NR |
| 563-58-6 | 1,1-Dichloropropene | na | UD | NR | | NR | | NR | | NR | | NR |
| 74-95-3 | Dibromomethane | na | UD | NR | | NR | | NR | | NR | | NR |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | UD | NR | | NR | | NR | | NR | | NR |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | UD | NR | | NR | | NR | | NR | | NR |
| 591-78-6 | 2-Hexanone | na | UD | NR | | NR | | NR | | NR | | NR |
| 1330-20-7 | Total Xylenes | 40 | UD | NR | | NR | | NR | | NR | | NR |
| 100-42-5 | Styrene | 100 | UD | NR | | NR | | NR | | NR | | NR |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | UD | NR | | NR | | NR | | NR | | NR |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | UD | NR | | NR | | NR | | NR | | NR |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | UD | NR | | NR | | NR | | NR | | NR |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | | 26HP19 | | 26HP20 | | 26HP23 | | 26HP24 | | 26HP21 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | | A00069-04 | | A00069-05 | | A00069-06 | | A00069-07 | | A00069-08 | |
| | DATE COLLECTED | | | 3/8/00 | | 3/8/00 | | 3/8/00 | | 3/8/00 | | 3/8/00 | |
| | TIME COLLECTED | | | 1030 | | 1110 | | 1325 | | 1350 | | 1430 | |
| | MATRIX | | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| 74-87-3 | Chloromethane | 30 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | | 5.0 | U | **18** | | **590** | | **190** | | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | | **2.7** | J | **23** | | **940** | | **620** | | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | J | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | | 5.0 | U | **1.7** | J | 50 | U | 50 | U | **30** | |
| 108-90-7 | Chlorobenzene | 4 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | U | 5.0 | U | 5.0 | U | 50 | U | 50 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP22 | | 26HP25 | | 26HP27 | | 26HD27 | | 26HP28 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00069-09 | | A00070-01 | | A00070-02 | | A00070-03 | | A00070-04 | |
| | DATE COLLECTED | | 3/8/00 | | 3/9/00 | | 3/9/00 | | 3/9/00 | | 3/9/00 | |
| | TIME COLLECTED | | 1515 | | 800 | | 945 | | 945 | | 1055 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | | | DUPLICATE | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.4 | |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | **2.6** | J | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | **4.8** | J | 5.0 | U | 5.0 | U | 5.0 | U | **6.1** | |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP29 | | 26HP26 | | 26HP30 | | 26HP32 | | 26HP34 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00070-05 | | A00070-06 | | A00070-07 | | A00071-01 | | A00071-03 | |
| | DATE COLLECTED | | 3/9/00 | | 3/9/00 | | 3/9/00 | | 3/10/00 | | 3/10/00 | |
| | TIME COLLECTED | | 1240 | | 1355 | | 1445 | | 745 | | 915 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 6.2 | | 5.7 | | 6 | | 1.5 | J |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 3.3 | J | 5.0 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | **5.5** | | **5.7** | | **17** | | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | **38** | | **2** | J | **14** | | **10** | | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HD34 | | 26HP36 | | 26HP35 | | 26HP40 | | 26HP31 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00071-04 | | A00071-05 | | A00071-06 | | A00071-08 | | A00071-09 | |
| | DATE COLLECTED | | 3/10/00 | | 3/10/00 | | 3/10/00 | | 3/10/00 | | 3/10/00 | |
| | TIME COLLECTED | | 915 | | 1015 | | 1045 | | 1315 | | 1400 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | DUPLICATE | | | | | | | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 1.9 | J | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | **41** | | **58** | |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP37 | | 26HP33 | | 26HP38 | | 26HP39 | | 26HP42 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00074-01 | | A00074-02 | | A00074-03 | | A00074-04 | | A00074-05 | |
| | DATE COLLECTED | | 3/13/00 | | 3/13/00 | | 3/13/00 | | 3/13/00 | | 3/13/00 | |
| | TIME COLLECTED | | 850 | | 940 | | 1215 | | 1115 | | 1045 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 7.5 | | **11** | | 4 | J |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 2.6 | J | 5.0 | U | 2.7 | J |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | **8.9** | | **13** | | **7.8** | |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | **2.5** | J | **14** | | **77** | |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| | SAMPLE ID | | 26HP43 | | 26HP41 | | 26HD41 | | 26SW01 | | 26HP46 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | NEW JERSEY | A00074-07 | | A00074-08 | | A00074-09 | | A00075-01 | | A00075-02 | |
| | DATE COLLECTED | GROUNDWATER | 3/13/00 | | 3/13/00 | | 3/13/00 | | 3/14/00 | | 3/14/00 | |
| | TIME COLLECTED | QUALITY | 1445 | | 1450 | | 1450 | | 1000 | | 1435 | |
| | MATRIX | STANDARDS | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | N.J.A.C. 7:9-6 | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Cas No. | COMMENTS | | | | | | DUPLICATE | | SURF. WATER | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 2.1 | J | 2.4 | J | 2.8 | J | 5.0 | U | **8.1** | |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | **4.4** | J | **8.5** | | **9.1** | | 5.0 | U | **14** | |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| | SAMPLE ID | | 26HP45 | | 26HP44 | | 26HP44 | | 26HP47 | | 26HP47 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | NEW JERSEY | A00075-03 | | A00076-01 | | 16454 | | A00076-02 | | 16455 | |
| | DATE COLLECTED | GROUNDWATER | 3/14/00 | | 3/15/00 | | 3/15/00 | | 3/15/00 | | 3/15/00 | |
| | TIME COLLECTED | QUALITY | 1600 | | 1050 | | 1050 | | 1300 | | 1300 | |
| | MATRIX | STANDARDS | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | N.J.A.C. 7:9-6 | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Cas No. | COMMENTS | | | | | | CHEMTECH SPLIT | | | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 2.8 | U | 5.0 | U | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 1.8 | U | 5.0 | U | 1.8 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 1.9 | U | 5.0 | U | 1.9 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 2.3 | U | 5.0 | U | 2.3 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | NR | | 5.0 | U | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 1.6 | U | 5.0 | U | 1.6 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 1.1 | U | 5.0 | U | 1.1 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 1.8 | U | 5.0 | U | 1.8 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 67-66-3 | Chloroform | 6 | 5 | J | 3.8 | J | 1 | U | 5.0 | U | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 2.5 | U | 5.0 | U | 2.5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 1.5 | U | 5.0 | U | 1.5 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 2.8 | U | 5.0 | U | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 3.6 | U | 5.0 | U | 3.6 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 1.7 | U | 5.0 | U | 1.7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 1.1 | U | 5.0 | U | 1.1 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 1.2 | U | 5.0 | U | 1.2 | U |
| 127-18-4 | Tetrachloroethene | 1 | **9.1** | | 5.0 | U | 1.6 | U | 5.0 | U | 1.6 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 1.5 | U | 5.0 | U | 1.5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 2.2 | U | 5.0 | U | 2.2 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 1.7 | U | 5.0 | U | 1.7 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 1 | U | 5.0 | U | 1 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 4.4 | J | 5.0 | U | NR | | 5.0 | U | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | 5.8 | U | NR | | 5.8 | U |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | 1 | U | NR | | 1 | U |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | 5.6 | U | NR | | 5.6 | U |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | 1.6 | U | NR | | 1.6 | U |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | 1.3 | U | NR | | 1.3 | U |
| 74-95-3 | Dibromomethane | na | NR | | NR | | 1 | U | NR | | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | 3 | U | NR | | 3 | U |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | 9.6 | U | NR | | 9.6 | U |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | 12 | U | NR | | 12 | U |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | 3.2 | U | NR | | 3.2 | U |
| 100-42-5 | Styrene | 100 | NR | | NR | | 1 | U | NR | | 1 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | 1 | U | NR | | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | 1 | U | NR | | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | 1 | U | NR | | 1 | U |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP48 | | 26HP49 | | 26SW02 | | 26SW03 | | 26HP50 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A00076-03 | | A00076-04 | | A00076-05 | | A00076-06 | | A00076-07 | |
| | DATE COLLECTED | | 3/15/00 | | 3/15/00 | | 3/15/00 | | 3/15/00 | | 3/15/00 | |
| | TIME COLLECTED | | 1330 | | 1410 | | 1230 | | 1510 | | 1440 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | SURF. WATER | | SURF. WATER | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | 2.5 | J | **10** | | 5.0 | U | 5.0 | U | 5.7 | |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 2 | J |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | **25** | |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| | SAMPLE ID | | 26HP51 | | 26HP52 | | 26HP54 | | 26HD54 | | 26HP53 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | NEW JERSEY | A00076-08 | | A00077-01 | | A00077-02 | | A00077-03 | | A00077-04 | |
| | DATE COLLECTED | GROUNDWATER | 3/15/00 | | 3/16/00 | | 3/16/00 | | 3/16/00 | | 3/16/00 | |
| | TIME COLLECTED | QUALITY | 1515 | | 1045 | | 1300 | | 1300 | | 1410 | |
| | MATRIX | STANDARDS | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | N.J.A.C. 7:9-6 | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Cas No. | COMMENTS | | | | | | | | DUPLICATE | | | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 1.5 | J | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 2.2 | J | 3.4 | J | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | **8.5** | | **9.9** | | 1.8 | J | 2.9 | J | **10** | |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | **2.7** | J | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | **2.3** | J | **5.2** | | **8.3** | | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 2.4 | J | 5.0 | U | 5.0 | U | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1 | **8.5** | | **8.4** | | **21** | | **29** | | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 1.1 | J | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| | SAMPLE ID | | 26HP55 | | 26HP56 | | 26SW04 | | 26SD01 | | 26SD02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | NEW JERSEY | A00078-01 | | A00078-02 | | A00078-03 | | 17128 | | 17129 | |
| | DATE COLLECTED | GROUNDWATER | 3/17/00 | | 3/17/00 | | 3/17/00 | | 3/23/00 | | 3/17/00 | |
| | TIME COLLECTED | QUALITY | 930 | | 845 | | 1015 | | 815 | | 825 | |
| | MATRIX | STANDARDS | AQUEOUS | | AQUEOUS | | AQUEOUS | | SOIL | | SOIL | |
| | UNITS | N.J.A.C. 7:9-6 | ug/L | | ug/L | | ug/L | | ug/Kg | | ug/Kg | |
| Cas No. | COMMENTS | | | | | | SURF. WATER | | SED./SOIL | | SED./SOIL | |
| 74-87-3 | Chloromethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 750 | U | 680 | U |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 940 | U | 860 | U |
| 74-83-9 | Bromomethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 510 | U | 460 | U |
| 75-00-3 | Chloroethane | na | 5.0 | U | 5.0 | U | 5.0 | U | 640 | U | 580 | U |
| 10-71-31 | Acrylonitrile | 50 | 5.0 | U | 5.0 | U | 5.0 | U | NR | | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 340 | U | 310 | U |
| 75-09-2 | Methylene Chloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 450 | U | 410 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 320 | U | 290 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 380 | U | 350 | U |
| 67-66-3 | Chloroform | 6 | 5.0 | U | 5.0 | U | 5.0 | U | 420 | U | 380 | U |
| 107-06-2 | 1,2-Dichloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 420 | U | 380 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 440 | U | 400 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 460 | U | 420 | U |
| 71-43-2 | Benzene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 230 | U | 210 | U |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 230 | U | 210 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 240 | U | 220 | U |
| 75-27-4 | Bromodichloromethane | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 380 | U | 340 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 320 | U | 290 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | 5.0 | U | 5.0 | U | 5.0 | U | 410 | U | 370 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | 5.0 | U | 5.0 | U | 5.0 | U | 450 | U | 410 | U |
| 75-25-2 | Bromoform | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 360 | U | 330 | U |
| 108-88-3 | Toluene | 1000 | 5.0 | U | 5.0 | U | 5.0 | U | 410 | U | 370 | U |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 240 | U | 220 | U |
| 108-90-7 | Chlorobenzene | 4 | 5.0 | U | 5.0 | U | 5.0 | U | 370 | U | 340 | U |
| 100-41-4 | Ethylbenzene | 700 | 5.0 | U | 5.0 | U | 5.0 | U | 360 | U | 330 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 400 | U | 370 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 530 | U | 490 | U |
| 124-48-1 | Dibromochloromethane | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 370 | U | 340 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | 5.0 | U | 5.0 | U | 5.0 | U | NR | | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | 1500 | U | 1400 | U |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | 400 | U | 370 | U |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | 720 | U | 660 | U |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | 440 | U | 400 | U |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | 480 | U | 440 | U |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | 420 | U | 380 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | 480 | U | 430 | U |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | 580 | U | 530 | U |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | 460 | U | 420 | U |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | 1060 | U | 970 | U |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | 370 | U | 330 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | 320 | U | 300 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | 350 | U | 320 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | 410 | U | 370 | U |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP57 | | 26HP58 | | 26HP59 | | 26HP60 | | 26HP61 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A0101701 | | A0101702 | | A0101703 | | A0101704 | | A0101705 | |
| | DATE COLLECTED | | 1/17/01 | | 1/17/01 | | 1/17/01 | | 1/17/01 | | 1/17/01 | |
| | TIME COLLECTED | | 1045 | | 1140 | | 1215 | | 1300 | | 1350 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | | | | | | |
| 74-87-3 | Chloromethane | 30 | NR | | NR | | NR | | NR | | NR | |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 0.5 | J |
| 74-83-9 | Bromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 75-00-3 | Chloroethane | na | NR | | NR | | NR | | NR | | NR | |
| 10-71-31 | Acrylonitrile | 50 | NR | | NR | | NR | | NR | | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 0.9 | J |
| 75-09-2 | Methylene Chloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | NR | | NR | | NR | | NR | | NR | |
| 107-06-2 | 1,2-Dichloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-43-2 | Benzene | 1 | NR | | NR | | NR | | NR | | NR | |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 0.3 | J |
| 78-87-5 | 1,2-Dichloropropane | 1 | NR | | NR | | NR | | NR | | NR | |
| 75-27-4 | Bromodichloromethane | 1 | NR | | NR | | NR | | NR | | NR | |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | NR | | NR | | NR | | NR | | NR | |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | NR | | NR | | NR | | NR | | NR | |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | NR | | NR | | NR | | NR | | NR | |
| 75-25-2 | Bromoform | 4 | NR | | NR | | NR | | NR | | NR | |
| 108-88-3 | Toluene | 1000 | NR | | NR | | NR | | NR | | NR | |
| 127-18-4 | Tetrachloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | **1.0** | J |
| 108-90-7 | Chlorobenzene | 4 | NR | | NR | | NR | | NR | | NR | |
| 100-41-4 | Ethylbenzene | 700 | NR | | NR | | NR | | NR | | NR | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 0.5 | J |
| 124-48-1 | Dibromochloromethane | 10 | NR | | NR | | NR | | NR | | NR | |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | NR | | NR | | NR | | NR | | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP62 | | 26HP63 | | 26HP64 | | 26HP65 | | 26HP66 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A0101706 | | A0101709 | | A0101710 | | A0101801 | | A0101803 | |
| | DATE COLLECTED | | 1/17/01 | | 1/17/01 | | 1/17/01 | | 1/18/01 | | 1/18/01 | |
| | TIME COLLECTED | | 1430 | | 1510 | | 1535 | | 1250 | | 1300 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | | | | | | | | |
| 74-87-3 | Chloromethane | 30 | NR | | NR | | NR | | NR | | NR | |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 75-00-3 | Chloroethane | na | NR | | NR | | NR | | NR | | NR | |
| 10-71-31 | Acrylonitrile | 50 | NR | | NR | | NR | | NR | | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | NR | | NR | | NR | | NR | | NR | |
| 107-06-2 | 1,2-Dichloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-43-2 | Benzene | 1 | NR | | NR | | NR | | NR | | NR | |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | NR | | NR | | NR | | NR | | NR | |
| 75-27-4 | Bromodichloromethane | 1 | NR | | NR | | NR | | NR | | NR | |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | NR | | NR | | NR | | NR | | NR | |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | NR | | NR | | NR | | NR | | NR | |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | NR | | NR | | NR | | NR | | NR | |
| 75-25-2 | Bromoform | 4 | NR | | NR | | NR | | NR | | NR | |
| 108-88-3 | Toluene | 1000 | NR | | NR | | NR | | NR | | NR | |
| 127-18-4 | Tetrachloroethene | 1 | 0.5 | J | 5.0 | U | 5.0 | U | 5.0 | U | **17.0** | |
| 108-90-7 | Chlorobenzene | 4 | NR | | NR | | NR | | NR | | NR | |
| 100-41-4 | Ethylbenzene | 700 | NR | | NR | | NR | | NR | | NR | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | NR | | NR | | NR | | NR | | NR | |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | NR | | NR | | NR | | NR | | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

**TABLE 1**
FOSTER WHEELER ENVIRONMENTAL CORPORATION
**NWS-EARLE**
**Groundwater Plume Delineation**
**for**
**Air Sparging/Soil Vapor Extraction Design**

Volatile Organic Compounds Analytical Data

| Cas No. | SAMPLE ID / LAB ID / DATE COLLECTED / TIME COLLECTED / MATRIX / UNITS / COMMENTS | NEW JERSEY GROUNDWATER QUALITY STANDARDS N.J.A.C. 7:9-6 | 26HP67 | | 26HP67 | | 26SW05 | | 26SW06 | | 26SW07 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LAB ID | | A0101901 | | A0101901 | | A0101707 | | A0101708 | | A0101802 | |
| | DATE COLLECTED | | 1/19/01 | | 1/19/01 | | 1/17/01 | | 1/17/01 | | 1/19/01 | |
| | TIME COLLECTED | | 800 | | 930 | | 1420 | | 1445 | | 1230 | |
| | MATRIX | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | | AQUEOUS | |
| | UNITS | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| | COMMENTS | | | | DUPLICATE | | SURF. WATER | | SURF. WATER | | SURF. WATER | |
| 74-87-3 | Chloromethane | 30 | NR | | NR | | NR | | NR | | NR | |
| 75-01-4 | Vinyl Chloride | 5 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 74-83-9 | Bromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 75-00-3 | Chloroethane | na | NR | | NR | | NR | | NR | | NR | |
| 10-71-31 | Acrylonitrile | 50 | NR | | NR | | NR | | NR | | NR | |
| 75-35-4 | 1,1-Dichloroethene | 2 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-09-2 | Methylene Chloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-59-2 | cis 1,2-Dichloroethene | 10 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 70 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 67-66-3 | Chloroform | 6 | NR | | NR | | NR | | NR | | NR | |
| 107-06-2 | 1,2-Dichloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-55-6 | 1,1,1-Trichloroethane | 30 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 2 | NR | | NR | | NR | | NR | | NR | |
| 71-43-2 | Benzene | 1 | NR | | NR | | NR | | NR | | NR | |
| 79-01-6 | Trichloroethene | 1 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | NR | | NR | | NR | | NR | | NR | |
| 75-27-4 | Bromodichloromethane | 1 | NR | | NR | | NR | | NR | | NR | |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | NR | | NR | | NR | | NR | | NR | |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | NR | | NR | | NR | | NR | | NR | |
| 79-00-5 | 1,1,2-Trichloroethane | 3 | NR | | NR | | NR | | NR | | NR | |
| 75-25-2 | Bromoform | 4 | NR | | NR | | NR | | NR | | NR | |
| 108-88-3 | Toluene | 1000 | NR | | NR | | NR | | NR | | NR | |
| 127-18-4 | Tetrachloroethene | 1 | 0.39 | | 0.67 | | 5.0 | U | 5.0 | U | 5.0 | U |
| 108-90-7 | Chlorobenzene | 4 | NR | | NR | | NR | | NR | | NR | |
| 100-41-4 | Ethylbenzene | 700 | NR | | NR | | NR | | NR | | NR | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | NR | | NR | | NR | | NR | | NR | |
| 156-60-5 | trans 1,2-Dichloroethene | 100 | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 10 | NR | | NR | | NR | | NR | | NR | |
| 1634-04-4 | Methyl-tert-Butyl Ether | na | NR | | NR | | NR | | NR | | NR | |
| 67-64-1 | Acetone | 700 | NR | | NR | | NR | | NR | | NR | |
| 75-15-0 | Carbon Disulfide | na | NR | | NR | | NR | | NR | | NR | |
| 78-93-3 | 2-Butanone | 300 | NR | | NR | | NR | | NR | | NR | |
| 74-97-5 | Bromochloromethane | na | NR | | NR | | NR | | NR | | NR | |
| 563-58-6 | 1,1-Dichloropropene | na | NR | | NR | | NR | | NR | | NR | |
| 74-95-3 | Dibromomethane | na | NR | | NR | | NR | | NR | | NR | |
| 108-10-1 | 4-Methyl-2-Pentanone | 400 | NR | | NR | | NR | | NR | | NR | |
| 110-75-8 | 2-Chloroethyl Vinly Ether | na | NR | | NR | | NR | | NR | | NR | |
| 591-78-6 | 2-Hexanone | na | NR | | NR | | NR | | NR | | NR | |
| 1330-20-7 | Total Xylenes | 40 | NR | | NR | | NR | | NR | | NR | |
| 100-42-5 | Styrene | 100 | NR | | NR | | NR | | NR | | NR | |
| 541-73-1 | 1,3-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |
| 106-46-7 | 1,4-Dichlorobenzene | 75 | NR | | NR | | NR | | NR | | NR | |
| 95-50-1 | 1,2-Dichlorobenzene | 600 | NR | | NR | | NR | | NR | | NR | |

Exceedances of NJ Groundwater Quality Criteria in **BOLD**
na-not applicable
NR-analysis not requested
U-non-detect above the detection limit
J-estimated value
D/DL-dilution

# $S_2C_2$ inc. MOBILE LABORATORIES
# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / US NAVY | Project Manager: MIKE HEFFRON | Date: 3-6-00 | Chain of Custody Number: 00305 |
| Address: NWS-EARLE | Telephone Number (Area Code)/Fax Number: 215-702-4015 / 4045 | Lab Number: - | Page 1 of 9 |
| City: COLTSNECK State: NJ Zip Code: | Site Contact: CJOBLON | Lab Contact: | Project Number: |

**FOR LABORATORY USE ONLY**
Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freezer ID: _____ No _____

Analysis(es) Requested

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Sed. | Soil | | 8260B | | | | | | | | | | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26HP01 | 3-6-00 | 1025 | X | | | | X | | | | | | | | | | 3 | 40ml | A006-67/01/- |
| 26HP02 | 3-6-00 | 1115 | X | | | | X | | | | | | | | | | 3 | ↓ | A000/67/02/- |
| 26HP03 | 3-6-00 | 1245 | X | | | | X | | | | | | | | | | 3 | | A000/67/03/- |
| 26HP04 | 3-6-00 | 1330 | X | | | | X | | | | | | | | | | 3 | | A000/67/04/- |
| 26MW060001 | 3-6-00 | 1345 | X | | | | X | | | | | | | | | | 3 | | A000/67/05/- |
| 26HP05 | 3-6-00 | 1425 | X | | | | X | | | | | | | | | | 3 | | A000/67/06/- |
| 26HP06 | 3-6-00 | 1505 | X | | | | X | | | | | | | | | | 3 | | A000/67/07/- |
| 26MW060001 | 3-6-00 | 1510 | X | | | | X | | | | | | | | | | 3 | ↓ | A000/67/08/- |
| | | | | | | | | | | | | | | | | | | | / / / |
| | | | | | | | | | | | | | | | | | | | / / / |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify): 3/15/00

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: CJOBLON | 3-6-00 | | 1. Received By: | 3-6-00 | 16.45 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

S2C2 inc. MOBILE LABORATORIES

# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / USNAVY | Project Manager: MHEFFRON | Date: 3-7-00 | Chain of Custody Number: 00306 |
| Address: NWS-EARLE | Telephone Number (Area Code)/Fax Number: 215-702-4015/4045 | Lab Number | Page 2 of 9 |
| City: COLTSNECK / State: NJ / Zip Code | Site Contact: CJOBLON | Lab Contact | Project Number |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freez r ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: ___

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Sed. | Soil | 8260B | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|
| 26HP007 | 3-7-00 | 800 | X | | | X | 3 | 40ml | A000/68/01/- |
| 26HP008 | 3-7-00 | 910 | X | | | X | 3 | 40ml | A000/68/02/- |
| 26AS01 0001 | 3-7-00 | 915 | X | | | X | 3 | 40ml | A000/68/03/- |
| 26HP009 | 3-7-00 | 945 | X | | | X | 3 | 40ml | A000/68/04/- |
| 26HP010 | 3-7-00 | 1025 | X | | | X | 3 | 40ml | A000/68/05/- |
| 26HP011 (DUPE) | 3-7-00 | 1105 | X | | | X | 3 | 40ml | A000/68/06/- |
| 26HP012 | 3-7-00 | 1235 | X | | | X | 3 | 40ml | A000/68/07/- |
| 26HP013 | 3-7-00 | 1320 | X | | | X | 3 | 40ml | A000/68/08/- |
| 26MW01 0001 | 3-7-00 | 1310 | X | | | X | 3 | 40ml | A000/68/09/- |
| 26HP014 | 3-7-00 | 1415 | X | | | X | 3 | 40ml | A000/68/10/- |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify): 3/15/00

| | | | | | |
|---|---|---|---|---|---|
| 1. Relinquished By: CJOBLON | Date: 3-7-00 | Time | 1. Received By: [signature] | Date: 3/7/00 | Time: 16:45 |
| 2. Relinquished By | Date | Time | 2. Received By | Date | Time |
| 3. Relinquished By | Date | Time | 3. Received By | Date | Time |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# $S_2C_2$ inc. MOBILE LABORATORIES
# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / USNAVY | Project Manager: M HEFFRON | Date: 3-7-00 / 3-8-00 | Chain of Custody Number: 00321 |
| Address: NWS-EARLE | Telephone Number (Area Code)/Fax Number: 215-702-4015 / 4045 | Lab Number: | Page 3 of 9 |
| City: COLTSNECK, State: NJ, Zip Code: | Site Contact: CJOBLON | Lab Contact: | Project Number: |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freezer ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Sed. | Soil | | 8260B | | | | | | | | | | | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26HP14 | 3-7-00 | 1450 | X | | | | X | | | | | | | | | | | 3 | 40ml | A000/68/11/- |
| 26HP16 | 3-8-00 | 800 | X | | | | X | | | | | | | | | | | 3 | | A000/69/01/- |
| 26HP17 | 3-8-00 | 845 | X | | | | X | | | | | | | | | | | 3 | | A000/69/02/- |
| 26HP18 | 3-8-00 | 930 | X | | | | X | | | | | | | | | | | 3 | | A000/69/03/- |
| 26HP19 | 3-8-00 | 1030 | X | | | | X | | | | | | | | | | | 3 | | A000/69/04/- |
| 26HP20 | 3-8-00 | 1110 | X | | | | X | | | | | | | | | | | 3 | | A000/69/05/- |
| 26HP23 | 3-8-00 | 1325 | X | | | | X | | | | | | | | | | | 3 | | A000/69/06/- |
| 26HP24 | 3-8-00 | 1350 | X | | | | X | | | | | | | | | | | 3 | | A000/69/07/- |
| 26HP21 | 3-8-00 | 1430 | X | | | | X | | | | | | | | | | | 3 | | A000/69/08/- |
| 26HP22 | 3-8-00 | 1515 | X | | | | X | | | | | | | | | | | 3 | | A000/69/09/- |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify): 3/15/00

| | | | | | |
|---|---|---|---|---|---|
| 1. Relinquished By: CJOBLON | Date | Time | 1. Received By: [signature] | Date: 3/7/00 | Time: 1645 |
| 2. Relinquished By | Date | Time | 2. Received By | Date | Time |
| 3. Relinquished By | Date | Time | 3. Received By | Date | Time |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# S₂C₂ inc. MOBILE LABORATORIES
# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: Foster Wheeler / Navy | Project Manager: M Heffron | Date: 3/9/00 | Chain of Custody Number: 00322 |
| Address: NWS-Earle | Telephone Number (Area Code)/Fax Number: 215-702-4015 | Lab Number | Page 4 of 9 |
| City: Colts Neck; State: NJ; Zip Code | Site Contact: C Jablon | Lab Contact | Project Number |

**FOR LABORATORY USE ONLY**
Laboratory Project No.: _____
Storage Refrigerator ID: _____
Storage Freezer ID: _____
Secured: Yes ____ No ____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: ____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Sed. | Soil | 8260B | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|
| 26HP25 | 3-9-00 | 0800 | X | | | X | 3 | Vial | A000/70/01/- |
| 26HP27 | 3-9-00 | 945 | X | | | X | 3 | | A000/70/02/- |
| 26HD27 | 3-9-00 | 945 | X | | | X | 3 | | A000/070/03/- |
| 26HP28 | 3-9-00 | 1055 | X | | | X | 3 | | A000/70/04/- |
| 26HP29 | 3-9-00 | 1240 | X | | | X | 3 | | A000/70/05/- |
| 26HP26 | 3-9-00 | 1355 | X | | | X | 3 | | A000/70/~~08~~/06 3/15/00 |
| 26HP30 | 3-9-00 | 1445 | X | | | X | 3 | | A000/70/~~06~~/07 |
| | | | | | | | | | / / |
| | | | | | | | | | / / |
| | | | | | | | | | / / |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: C Jablon | 3-9-00 | | 1. Received By: Michael P. Nunn for Todd Morgan | 3/15/00 | 1500 |
| 2. Relinquished By: | | | 2. Received By: | | |
| 3. Relinquished By: | | | 3. Received By: | | |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# $S_2C_2$ inc. MOBILE LABORATORIES

# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / USNAVY | Project Manager: M. HOFFRON | Date: | Chain of Custody Number: 00323 |
| Address: DNB OXFORD VALLEY SUITE 200 | Telephone Number (Area Code)/Fax Number: 215-702-4015/4045 | Lab Number: | Page 5 of 9 |
| City: LANGHORNE State: PA Zip Code: 19047 | Site Contact: C. SOBLON | Lab Contact: | Project Number: |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freez r ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Matrix: Sed | Matrix: Sol | 8260B | | | | | | | | | | | | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26HP32 | 3-10-00 | 745 | X | | | X | | | | | | | | | | | | 3 | 40ml | A00/071/01/– |
| 26HP33 | 3-10-00 | 845 | X | | | X | | Do not use | | | | | | | | | | 3 | | A00/071/02/ |
| 26HP34 | 3-10-00 | 945 | X | | | X | | | | | | | | | | | | 3 | | A00/071/03/– |
| 26HP34 | 3-10-00 | 945 | X | | | X | | | | | | | | | | | | 2 | | A00/071/04/ |
| 26HP36 | 3-10-00 | 1015 | X | | | X | | | | | | | | | | | | 3 | | A00/071/05/– |
| 26HP35 | 3-10-00 | 1045 | X | | | X | | | | | | | | | | | | 3 | | A00/071/06/– |
| 26HP37 | 3-10-00 | 1200 | X | | | X | | Do not use | | | | | | | | | | 3 | | A00/071/07/ |
| 26HP40 | 3-10-00 | 1315 | X | | | X | | | | | | | | | | | | 3 | | A00/071/08/– |
| 26HP31 | 3-10-00 | 1400 | X | | | X | | | | | | | | | | | | 3 | | A00/071/09/– |
| | | | | | | | | | | | | | | | | | | | | / / / |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: C. SOBLON | 3-10-00 | | 1. Received By: Michael LeMin, Coe | 3/15/00 | 1510 |
| 2. Relinquished By: | | | 2. Received By: Todd Morgan | | |
| 3. Relinquished By: | | | 3. Received By: | | |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# $S_2C_2$ inc. MOBILE LABORATORIES

# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / US NAVY | Project Manager: M. HEFFRON | Date: 3-13-00 | Chain of Custody Number: 00324 |
| Address: ONE OXFORD VALLEY, SUITE 200 | Telephone Number (Area Code)/Fax Number: 215-702-4015/4045 | Lab Number | Page 6 of 9 |
| City: LANGHORNE; State: PA; Zip Code: 19047 | Site Contact: C. JOBLON; Lab Contact | Project Number: NWS-STRLE, COLTSNECK | |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:

Storage Refrigerator ID: _____ Yes _____

Storage Freezer ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Matrix: Sed. | Matrix: Soil | 8260B | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|
| 26HP37 | 3-13-00 | 850 | X | | | X | 3 | 40ml | A00/074/01/- |
| 26HP33 | 3-13-00 | 940 | X | | | X | 3 | | A00/074/02/- |
| 26HP38 | 3-13-00 | 1215 | X | | | X | 3 | | A00/074/03/- |
| 26HP39 | 3-13-00 | 1115 | X | | | X | 3 | | A00/074/04/- |
| 26HP42 | 3-13-00 | 1045 | X | | | X | 3 | | A00/075/05/- |
| 26HP43 | 3-13-00 | 1445 | X | | | X | 3 | | A00/075/06/7 - |
| 26HP41 | 3-13-00 | 1458 | X | | | X | 3 | | A00/075/08/8 - |
| 26HD41 | 3-13-00 | 1450 | X | | | X | 3 | | A00/075/09/9 - |
| | | | | | | | | | |
| | | | | | | | | | |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

| | | | | | |
|---|---|---|---|---|---|
| 1. Relinquished By: C. JOBLON | Date: 3-13-00 | Time | 1. Received By: Michael Pellington | Date: 3/15/00 | Time: 1510 |
| 2. Relinquished By | Date | Time | 2. Received By: Todd Morgan | Date | Time |
| 3. Relinquished By | Date | Time | 3. Received By | Date | Time |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

S2C2 inc. MOBILE LABORATORIES

# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER / USNAVY | Project Manager: M. HEFFRON | Date: 3-14-00 / 3-15-00 | Chain of Custody Number: 00325 |
| Address: ONE OXFORD VALLEY SUITE 200 | Telephone Number (Area Code)/Fax Number: 215-702-4015 / 4045 | Lab Number: | Page 7 of 9 |
| City: LANGHORNE State: PA Zip Code: 19047 | Site Contact: C. JOBLON | Lab Contact: | Project Number: |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freezer ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Sed. | Soil | | 8260B | | | | | | | | | | | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26SW01 | 3-14-00 | 1000 | X | | | | X | | | | | | | | | | | 2 | 8/Oz | A00/075/01 |
| 26HP46 | 3-14-00 | 1435 | X | | | | X | | | | | | | | | | | 3 | | A00/075/02 |
| 26HP45 | 3-14-00 | 1600 | X | | | | X | | | | | | | | | | | 3 | | A00/075/03 |
| 26HP44 | 3-14-00 | 1050 | X | | | | X | | | | | | | | | | | 3 | | A00076/01 |
| | 15 | 3/15/00 | | | | | | | | | | | | | | | | | | |
| 26HP47 | 3-15-00 | 1300 | X | | | | X | | | | | | | | | | | 3 | | A00/076/02 |
| 26HP48 | 3-15-00 | 1330 | X | | | | X | | | | | | | | | | | 3 | | A00/076/03 |
| 26HP49 | 3-15-00 | 1410 | X | | | | X | | | | | | | | | | | 3 | | A00/076/04 |
| 26SW02 | 3-15-00 | 1230 | X | | | | X | | | | | | | | | | | 3 | | A00/076/05 |
| 26SW03 | 3-15-00 | 1510 | X | | | | X | | | | | | | | | | | 3 | | A00076/06 |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

| | | | | | |
|---|---|---|---|---|---|
| 1. Relinquished By: C. JOBLON | Date: 3-14-00 | Time: 3-15-00 | 1. Received By: Michael LeMing | Date: 3/15/00 | Time: 1600 |
| 2. Relinquished By | Date | Time | 2. Received By | Date | Time |
| 3. Relinquished By | Date | Time | 3. Received By | Date | Time |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# S2C2 inc. MOBILE LABORATORIES

# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warr n, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: POSTM-WCTEEDOC / USNAVY | Project Manager: M. HOFFMON | Date: 3-15-00 | Chain of Custody Number: 00326 |
| Address: ONEOXFORD VALLEY SUITE 200 | Telephone Number (Area Code)/Fax Number: 215-702-4015/4045 | Lab Number: | Page 8 of 9 |
| City: LANSDTHORNE State: PA Zip Code: 19047 | Site Contact: C. JOBLON | Lab Contact: | Project Number: NAVS-BARLE SITE 26 |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:
Storage Refrigerator ID: _____ Yes _____
Storage Freezer ID: _____ No _____

Analysis(es) Requested: 8260B

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Matrix: Sed. | Matrix: Soil | 8260B | # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|
| 26HP50 | 3-15-00 | 1440 | X | | | X | 3 | V | A0007607 |
| 26HP51 | 3-15-00 | 1515 | X | | | X | 3 | V | A0007608 |
| 26HP52 | 3/16/00 | 1045 | X | | | X | 3 | V | A0007701 |
| 26HP54 | 3/16/00 | 1300 | X | | | X | 3 | V | A00/077/02 |
| 26HD54 | 3/16/00 | 1300 | X | | | X | 3 | V | A00/077/03 |
| 26HP53 | 3-16-00 | 1410 | X | | | X | 3 | V | A0007704 |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: [signature] 3-15-00 | | | 1. Received By: Michael LaMing | 3/16/00 | 1500 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

# S₂C₂ inc. MOBILE LABORATORIES
# CHAIN OF CUSTODY RECORD

Fixed Based Location:
150 Mt. Bethel Rd.
Warren, NJ 07059
(908) 542-1999
(908) 542-9288 fax

| | | | |
|---|---|---|---|
| Client: FOSTER WHEELER ENV/US NAVY | Project Manager: M. HOFFRON | Date: 3-17-00 | Chain of Custody Number: 00327 |
| Address: DNB OXFORD VALLEY SUITE 200 | Telephone Number (Area Code)/Fax Number: 215-702-4015/4045 | Lab Number | Page 9 of 9 |
| City: LANGHORNE State: PA Zip Code: 19047 | Site Contact: CJ OBLON | Lab Contact | Project Number: NWS-GARLE SITE 26 |

**FOR LABORATORY USE ONLY**

Laboratory Project No.: _____ Secured:

Storage Refrigerator ID: _____ Yes _____

Storage Freezer ID: _____ No _____

Analysis(es) Requested

Sample Condition Upon Receipt: _____

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Aqueous | Matrix: Sed. | Matrix: Soil | 8260B | Container # | Container Type | FOR LABORATORY USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|
| 26HP55 | 3-17-00 | 930 | X | | | X | 2 | 40ml | A0007801 |
| 26HP56 | 3-17-00 | 845 | X | | | X | 2 | ↓ | 02 |
| 26SW84 | 3-17-00 | 1015 | X | | | X | 2 | ↓ | 03 |

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ Container Types: B=Brass Tube, V= VOA Vial, A=1-Liter Amber, G=Glass Jar, C=Cassette O= Other _____

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: CJ Oblon 3-17-00 | | | 1. Received By: Michael [illegible] | 3/17/00 | 1000 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Instructions/Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP01

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1717.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 2.2 | J |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP02

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1718.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. _____ Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 2.2 | J |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP03

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1719.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. _____ Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 42 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 75 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 2.4 | J |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP04

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1721.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26MW060001

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1725.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP05

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1722.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 1.9 | J |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 130 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 230 | E |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP05 DL

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-06DL

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: 72A1746.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. _____ Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 25 | U |
| 75-01-4 | Vinyl Chloride | 25 | U |
| 74-83-9 | Bromomethane | 25 | U |
| 75-00-3 | Chloroethane | 25 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 25 | U |
| 107131 | Acrylonitrile | 25 | U |
| 75-35-4 | 1,1-Dichloroethene | 25 | U |
| 75-09-2 | Methylene Chloride | 25 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 130 | |
| 75-34-3 | 1,1-Dichloroethane | 25 | U |
| 67-66-3 | Chloroform | 25 | U |
| 107-06-2 | 1,2-Dichloroethane | 25 | U |
| 71-43-2 | Benzene | 25 | U |
| 56-23-5 | Carbon Tetrachloride | 25 | U |
| 79-01-6 | Trichloroethene | 240 | |
| 78-87-5 | 1,2-Dichloropropane | 25 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | U |
| 75-27-4 | Bromodichloromethane | 25 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | U |
| 124-48-1 | Dibromochloromethane | 25 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 25 | U |
| 75-25-2 | Bromoform | 25 | U |
| 108-88-3 | Toluene | 25 | U |
| 127-18-4 | Tetrachloroethene | 25 | U |
| 108-90-7 | Chlorobenzene | 25 | U |
| 100-41-4 | Ethylbenzene | 25 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP06

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1723.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/06/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 1.1 | J |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 80 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 100 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26MW050001

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00067-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1745.D

Level: (low/med) LOW Date Received: 03/06/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP07

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1744.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP08

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1732.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. _____ Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 2.5 | J |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26AS10001

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1733.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 98 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 23 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP09

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1734.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP10

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1735.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 22 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 30 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP11

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1736.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 10 | |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 3.0 | J |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1300 | E |
| 75-34-3 | 1,1-Dichloroethane | 3.0 | J |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 1500 | E |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 6.2 | |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.1 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP11 DL

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-06DL

Sample wt/vol: 0.2 (g/ml) ML Lab File ID: 72A1743.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 120 | U |
| 75-01-4 | Vinyl Chloride | 120 | U |
| 74-83-9 | Bromomethane | 120 | U |
| 75-00-3 | Chloroethane | 120 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 120 | U |
| 107131 | Acrylonitrile | 120 | U |
| 75-35-4 | 1,1-Dichloroethene | 120 | U |
| 75-09-2 | Methylene Chloride | 120 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1700 | |
| 75-34-3 | 1,1-Dichloroethane | 120 | U |
| 67-66-3 | Chloroform | 120 | U |
| 107-06-2 | 1,2-Dichloroethane | 120 | U |
| 71-43-2 | Benzene | 120 | U |
| 56-23-5 | Carbon Tetrachloride | 120 | U |
| 79-01-6 | Trichloroethene | 2000 | |
| 78-87-5 | 1,2-Dichloropropane | 120 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 120 | U |
| 75-27-4 | Bromodichloromethane | 120 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 120 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 120 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 120 | U |
| 124-48-1 | Dibromochloromethane | 120 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 120 | U |
| 75-25-2 | Bromoform | 120 | U |
| 108-88-3 | Toluene | 120 | U |
| 127-18-4 | Tetrachloroethene | 120 | U |
| 108-90-7 | Chlorobenzene | 120 | U |
| 100-41-4 | Ethylbenzene | 120 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 120 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP11 DUP**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-06DUP

Sample wt/vol: 0.2 (g/ml) ML Lab File ID: 72A1783.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. _____ Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 120 | U |
| 75-01-4 | Vinyl Chloride | 120 | U |
| 74-83-9 | Bromomethane | 120 | U |
| 75-00-3 | Chloroethane | 120 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 120 | U |
| 107131 | Acrylonitrile | 120 | U |
| 75-35-4 | 1,1-Dichloroethene | 120 | U |
| 75-09-2 | Methylene Chloride | 120 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1500 | |
| 75-34-3 | 1,1-Dichloroethane | 120 | U |
| 67-66-3 | Chloroform | 120 | U |
| 107-06-2 | 1,2-Dichloroethane | 120 | U |
| 71-43-2 | Benzene | 120 | U |
| 56-23-5 | Carbon Tetrachloride | 120 | U |
| 79-01-6 | Trichloroethene | 1900 | |
| 78-87-5 | 1,2-Dichloropropane | 120 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 120 | U |
| 75-27-4 | Bromodichloromethane | 120 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 120 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 120 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 120 | U |
| 124-48-1 | Dibromochloromethane | 120 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 120 | U |
| 75-25-2 | Bromoform | 120 | U |
| 108-88-3 | Toluene | 120 | U |
| 127-18-4 | Tetrachloroethene | 120 | U |
| 108-90-7 | Chlorobenzene | 120 | U |
| 100-41-4 | Ethylbenzene | 120 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 120 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP12

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1737.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 58 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 18 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 2.0 | J |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP13

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1738.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26MW010001

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-09

Sample wt/vol: 0.2 (g/ml) ML Lab File ID: 72A1763.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 120 | U |
| 75-01-4 | Vinyl Chloride | 120 | U |
| 74-83-9 | Bromomethane | 120 | U |
| 75-00-3 | Chloroethane | 120 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 120 | U |
| 107131 | Acrylonitrile | 120 | U |
| 75-35-4 | 1,1-Dichloroethene | 120 | U |
| 75-09-2 | Methylene Chloride | 120 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1800 | |
| 75-34-3 | 1,1-Dichloroethane | 120 | U |
| 67-66-3 | Chloroform | 120 | U |
| 107-06-2 | 1,2-Dichloroethane | 120 | U |
| 71-43-2 | Benzene | 120 | U |
| 56-23-5 | Carbon Tetrachloride | 120 | U |
| 79-01-6 | Trichloroethene | 4300 | E |
| 78-87-5 | 1,2-Dichloropropane | 120 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 120 | U |
| 75-27-4 | Bromodichloromethane | 120 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 120 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 120 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 120 | U |
| 124-48-1 | Dibromochloromethane | 120 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 120 | U |
| 75-25-2 | Bromoform | 120 | U |
| 108-88-3 | Toluene | 120 | U |
| 127-18-4 | Tetrachloroethene | 120 | U |
| 108-90-7 | Chlorobenzene | 120 | U |
| 100-41-4 | Ethylbenzene | 120 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 120 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26MW010001 DL

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-09DL

Sample wt/vol: 0.1 (g/ml) ML Lab File ID: 72A1779.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 250 | U |
| 75-01-4 | Vinyl Chloride | 250 | U |
| 74-83-9 | Bromomethane | 250 | U |
| 75-00-3 | Chloroethane | 250 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 250 | U |
| 107131 | Acrylonitrile | 250 | U |
| 75-35-4 | 1,1-Dichloroethene | 250 | U |
| 75-09-2 | Methylene Chloride | 250 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1900 | |
| 75-34-3 | 1,1-Dichloroethane | 250 | U |
| 67-66-3 | Chloroform | 250 | U |
| 107-06-2 | 1,2-Dichloroethane | 250 | U |
| 71-43-2 | Benzene | 250 | U |
| 56-23-5 | Carbon Tetrachloride | 250 | U |
| 79-01-6 | Trichloroethene | 4600 | |
| 78-87-5 | 1,2-Dichloropropane | 250 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 250 | U |
| 75-27-4 | Bromodichloromethane | 250 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 250 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 250 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 250 | U |
| 124-48-1 | Dibromochloromethane | 250 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 250 | U |
| 75-25-2 | Bromoform | 250 | U |
| 108-88-3 | Toluene | 250 | U |
| 127-18-4 | Tetrachloroethene | 250 | U |
| 108-90-7 | Chlorobenzene | 250 | U |
| 100-41-4 | Ethylbenzene | 250 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 250 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP15

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1740.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/07/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 1.1 | J |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 57 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 88 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 1.4 | J |
| 127-18-4 | Tetrachloroethene | 1.8 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP14

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00068-11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1764.D

Level: (low/med) LOW Date Received: 03/07/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP16**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1765.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. _____ Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 1.6 | J |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP17

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1766.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 2.1 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.3 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 50 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP18**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1767.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. _____ Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 30 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 56 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 1.4 | J |
| 127-18-4 | Tetrachloroethene | 5.9 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP19

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1768.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 2.7 | J |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP20

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1769.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. _____ Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 18 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 23 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.7 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP23

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-06

Sample wt/vol: 0.5 (g/ml) ML Lab File ID: 72A1770.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 50 | U |
| 75-01-4 | Vinyl Chloride | 50 | U |
| 74-83-9 | Bromomethane | 50 | U |
| 75-00-3 | Chloroethane | 50 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 50 | U |
| 107131 | Acrylonitrile | 50 | U |
| 75-35-4 | 1,1-Dichloroethene | 50 | U |
| 75-09-2 | Methylene Chloride | 50 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 590 | |
| 75-34-3 | 1,1-Dichloroethane | 50 | U |
| 67-66-3 | Chloroform | 50 | U |
| 107-06-2 | 1,2-Dichloroethane | 50 | U |
| 71-43-2 | Benzene | 50 | U |
| 56-23-5 | Carbon Tetrachloride | 50 | U |
| 79-01-6 | Trichloroethene | 940 | |
| 78-87-5 | 1,2-Dichloropropane | 50 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | U |
| 75-27-4 | Bromodichloromethane | 50 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | U |
| 124-48-1 | Dibromochloromethane | 50 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 50 | U |
| 75-25-2 | Bromoform | 50 | U |
| 108-88-3 | Toluene | 50 | U |
| 127-18-4 | Tetrachloroethene | 50 | U |
| 108-90-7 | Chlorobenzene | 50 | U |
| 100-41-4 | Ethylbenzene | 50 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP24

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-07

Sample wt/vol: 0.5 (g/ml) ML Lab File ID: 72A1771.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 50 | U |
| 75-01-4 | Vinyl Chloride | 50 | U |
| 74-83-9 | Bromomethane | 50 | U |
| 75-00-3 | Chloroethane | 50 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 50 | U |
| 107131 | Acrylonitrile | 50 | U |
| 75-35-4 | 1,1-Dichloroethene | 50 | U |
| 75-09-2 | Methylene Chloride | 50 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 190 | |
| 75-34-3 | 1,1-Dichloroethane | 50 | U |
| 67-66-3 | Chloroform | 50 | U |
| 107-06-2 | 1,2-Dichloroethane | 50 | U |
| 71-43-2 | Benzene | 50 | U |
| 56-23-5 | Carbon Tetrachloride | 50 | U |
| 79-01-6 | Trichloroethene | 620 | |
| 78-87-5 | 1,2-Dichloropropane | 50 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | U |
| 75-27-4 | Bromodichloromethane | 50 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | U |
| 124-48-1 | Dibromochloromethane | 50 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 50 | U |
| 75-25-2 | Bromoform | 50 | U |
| 108-88-3 | Toluene | 50 | U |
| 127-18-4 | Tetrachloroethene | 50 | U |
| 108-90-7 | Chlorobenzene | 50 | U |
| 100-41-4 | Ethylbenzene | 50 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP21

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1772.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 30 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP22

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00069-09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1773.D

Level: (low/med) LOW Date Received: 03/08/00

% Moisture: not dec. _____ Date Analyzed: 03/08/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 2.6 | J |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 4.8 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP25

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1778.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP27

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1780.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. _____ Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HD27

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1781.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP28

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1782.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.4 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 6.1 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP29

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1784.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 38 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP26

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1785.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 6.2 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.5 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 2.0 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP30**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00070-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1786.D

Level: (low/med) LOW Date Received: 03/09/00

% Moisture: not dec. _____ Date Analyzed: 03/09/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.7 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 3.3 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.7 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 14 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP32**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1821.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 6.0 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 17 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 10 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP34**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1822.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1.5 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HD34

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1827.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. _____ Date Analyzed: 03/14/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 1.9 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP36

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1811.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP35

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1810.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP40**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1812.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 41 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP31**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00071-09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1809.D

Level: (low/med) LOW Date Received: 03/10/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 58 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP37

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1813.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP33

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1814.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP38**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1815.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 7.5 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.6 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 8.9 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 2.5 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP39

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1816.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 11 | |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 13 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 14 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP42

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1817.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 4.0 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.7 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 7.8 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 77 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP43

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1820.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.1 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 4.4 | J |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP41

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1819.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.4 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 8.5 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HD41**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00074-09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1818.D

Level: (low/med) LOW Date Received: 03/13/00

% Moisture: not dec. _____ Date Analyzed: 03/13/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.8 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 9.1 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26SW01**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00075-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1828.D

Level: (low/med) LOW Date Received: 03/14/00

% Moisture: not dec. _____ Date Analyzed: 03/14/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP46

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00075-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1874.D

Level: (low/med) LOW Date Received: 03/14/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 8.1 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 14 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26SD01

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17128

Sample wt/vol: 8.0 (g/mL) G Lab File ID: D1054.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 33 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 360 | U |
| 1330-20-7 | m/p-Xylenes | 670 | U |
| 95-47-6 | o-Xylene | 390 | U |
| 100-42-5 | Styrene | 370 | U |
| 75-25-2 | Bromoform | 360 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 400 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 320 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 350 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 410 | U |

# VOLATILE ORGANICS ANALYSIS DATA SHEET

26SD02

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17129

Sample wt/vol: 8.1 (g/mL) G Lab File ID: D1053.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 27 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 680 | U |
| 75-01-4 | Vinyl Chloride | 860 | U |
| 74-83-9 | Bromomethane | 460 | U |
| 75-00-3 | Chloroethane | 580 | U |
| 75-35-4 | 1,1-Dichloroethene | 310 | U |
| 67-64-1 | Acetone | 1400 | U |
| 75-15-0 | Carbon Disulfide | 370 | U |
| 75-09-2 | Methylene Chloride | 410 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 490 | U |
| 75-34-3 | 1,1-Dichloroethane | 350 | U |
| 78-93-3 | 2-Butanone | 660 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 290 | U |
| 74-97-5 | Bromochloromethane | 400 | U |
| 67-66-3 | Chloroform | 380 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 400 | U |
| 563-58-6 | 1,1-Dichloropropene | 440 | U |
| 56-23-5 | Carbon Tetrachloride | 420 | U |
| 71-43-2 | Benzene | 210 | U |
| 107-06-2 | 1,2-Dichloroethane | 380 | U |
| 79-01-6 | Trichloroethene | 210 | U |
| 78-87-5 | 1,2-Dichloropropane | 220 | U |
| 74-95-3 | Dibromomethane | 380 | U |
| 75-27-4 | Bromodichloromethane | 340 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 430 | U |
| 108-88-3 | Toluene | 370 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 530 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 370 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 290 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 410 | U |
| 591-78-6 | 2-Hexanone | 420 | U |
| 124-48-1 | Dibromochloromethane | 340 | U |
| 127-18-4 | Tetrachloroethene | 220 | U |
| 108-90-7 | Chlorobenzene | 340 | U |

# VOLATILE ORGANICS ANALYSIS DATA SHEET

26SD02

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17129

Sample wt/vol: 8.1 (g/mL) G Lab File ID: D1053.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 27 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 330 | U |
| 1330-20-7 | m/p-Xylenes | 610 | U |
| 95-47-6 | o-Xylene | 360 | U |
| 100-42-5 | Styrene | 330 | U |
| 75-25-2 | Bromoform | 330 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 370 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 300 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 320 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 370 | U |



FORM I VOA

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26TB01

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17130

Sample wt/vol: 10.0 (g/mL) G Lab File ID: D1052.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 0 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 400 | U |
| 75-01-4 | Vinyl Chloride | 510 | U |
| 74-83-9 | Bromomethane | 270 | U |
| 75-00-3 | Chloroethane | 340 | U |
| 75-35-4 | 1,1-Dichloroethene | 190 | U |
| 67-64-1 | Acetone | 800 | U |
| 75-15-0 | Carbon Disulfide | 220 | U |
| 75-09-2 | Methylene Chloride | 240 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 290 | U |
| 75-34-3 | 1,1-Dichloroethane | 210 | U |
| 78-93-3 | 2-Butanone | 390 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 170 | U |
| 74-97-5 | Bromochloromethane | 240 | U |
| 67-66-3 | Chloroform | 230 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 230 | U |
| 563-58-6 | 1,1-Dichloropropene | 260 | U |
| 56-23-5 | Carbon Tetrachloride | 250 | U |
| 71-43-2 | Benzene | 130 | U |
| 107-06-2 | 1,2-Dichloroethane | 230 | U |
| 79-01-6 | Trichloroethene | 130 | U |
| 78-87-5 | 1,2-Dichloropropane | 130 | U |
| 74-95-3 | Dibromomethane | 220 | U |
| 75-27-4 | Bromodichloromethane | 200 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 260 | U |
| 108-88-3 | Toluene | 220 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 310 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 220 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 170 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 240 | U |
| 591-78-6 | 2-Hexanone | 250 | U |
| 124-48-1 | Dibromochloromethane | 200 | U |
| 127-18-4 | Tetrachloroethene | 130 | U |
| 108-90-7 | Chlorobenzene | 200 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 26TB01

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17130

Sample wt/vol: 10.0 (g/mL) G Lab File ID: D1052.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 0 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 190 | U |
| 1330-20-7 | m/p-Xylenes | 360 | U |
| 95-47-6 | o-Xylene | 210 | U |
| 100-42-5 | Styrene | 200 | U |
| 75-25-2 | Bromoform | 190 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 220 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 170 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 190 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 220 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP45**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00075-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1875.D

Level: (low/med) LOW Date Received: 03/14/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 4.4 | J |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 9.1 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP44

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1878.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 3.8 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP47

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1880.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. _____ Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP48

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1881.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. _____ Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.5 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP49

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1882.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 10 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26SW02

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1883.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26SW03**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1867.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. _____ Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP50

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1868.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.7 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 2.0 | J |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 25 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP51

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00076-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1869.D

Level: (low/med) LOW Date Received: 03/15/00

% Moisture: not dec. _____ Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 8.5 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 8.5 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP52**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00077-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1863.D

Level: (low/med) LOW Date Received: 03/16/00

% Moisture: not dec. _____ Date Analyzed: 03/16/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.5 | J |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 9.9 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 2.3 | J |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 2.7 | J |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 2.4 | J |
| 127-18-4 | Tetrachloroethene | 8.4 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP54**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00077-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1864.D

Level: (low/med) LOW Date Received: 03/16/00

% Moisture: not dec. _____ Date Analyzed: 03/16/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 2.2 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 1.8 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.2 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 21 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HD54

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00077-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1865.D

Level: (low/med) LOW Date Received: 03/16/00

% Moisture: not dec. _____ Date Analyzed: 03/16/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 1.1 | J |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 3.4 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 2.9 | J |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 8.3 | |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 29 | |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP53**

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00077-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1866.D

Level: (low/med) LOW Date Received: 03/16/00

% Moisture: not dec. _____ Date Analyzed: 03/16/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 10 | |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP55

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00078-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1876.D

Level: (low/med) LOW Date Received: 03/17/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26HP56

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00078-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1879.D

Level: (low/med) LOW Date Received: 03/17/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

26SW04

Lab Name: S2C2 Inc. Contract: 8260B

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00067

Matrix: (soil/water) WATER Lab Sample ID: A00078-03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 72A1877.D

Level: (low/med) LOW Date Received: 03/17/00

% Moisture: not dec. Date Analyzed: 03/17/00

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 5.0 | U |
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 74-83-9 | Bromomethane | 5.0 | U |
| 75-00-3 | Chloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 107131 | Acrylonitrile | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-09-2 | Methylene Chloride | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 67-66-3 | Chloroform | 5.0 | U |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U |
| 71-43-2 | Benzene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 75-27-4 | Bromodichloromethane | 5.0 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U |
| 124-48-1 | Dibromochloromethane | 5.0 | U |
| 1634-04-4 | Methyl-tert-Butyl Ether | 5.0 | U |
| 75-25-2 | Bromoform | 5.0 | U |
| 108-88-3 | Toluene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |
| 108-90-7 | Chlorobenzene | 5.0 | U |
| 100-41-4 | Ethylbenzene | 5.0 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U |

# CHEMTECH
## CHAIN OF CUSTODY RECORD

Please check one:

☐ 110 Route 4, Englewood, NJ 07631, (201) 567-6868, Fax (201) 567-1333

☐ 515 Route 9 South, Barnegat, NJ 08005, (609) 698-0199, Fax (609) 698-0910

☒ ANALAB/CM Division, 205 Campus Plaza 1, Edison, NJ 08837, Phone (732) 225-4111 Fax (732) 225-4110

CHEMTECH JOB NO.: L7270NJ

CHEMTECH QUOTE NO.:

**CLIENT INFORMATION** (REPORT TO BE SENT TO:)

COMPANY: FOSTER WHEELER ENVIR

ADDRESS: ONE OXFORD VALLEY SUITE 200

CITY: LANGHORNE STATE: PA ZIP: 19047

ATTENTION: MIKE HOFFRON

PHONE: 215-702-4015 FAX: -4045

**PROJECT INFORMATION**

PROJECT NAME: NWS-EAGLE

PROJECT NO.: SITE 26

PROJECT MANAGER: M. HOFFRON

LOCATION: COLTSNECK

PHONE: — FAX: —

**BILLING INFORMATION**

BILL TO: FOSTER WHEELER PO #:

ADDRESS:

CITY: STATE: ZIP:

ATTENTION: SONYA PHONE:

**DATA TURNAROUND INFORMATION**

☒ 21 DAYS
☐ 14 DAYS
☐ 7 DAYS
☐ OTHER

APPROVED BY: (CHEMTECH'S PROJ. MGR.)

21 DAY TURNAROUND HARDCOPY, EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED.

**DATA DELIVERABLE INFORMATION**

☒ NJ REDUCED
☐ NJ CLP
☐ USEPA CLP
☐ NYS CLP
☐ OTHER
☐ CHEMTECH FORMAT
☐ RESULTS ONLY
☐ NYS ASP
☐ DISKETTES

**ANALYSIS**

1 TCL VOC-8260C
2 pH, Fe, MN
3 TOTAL PEROXIDE
4 SF
5
6
7
8
9

| CHEMTECH SAMPLE ID | SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 (A,E) | 2 (A,B) | 3 (E) | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS (Specify Preservatives: A – HCl, B – $HNO_3$, C – $H_2SO_4$, D – NaOH, E – ICE, F – Other) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 15479 | 26HP02 | AQ | | X | 3-6-00 | 1115 | 3 | X | X | | | | | | | | |
| 2. 80 | 26HP02D | | | | 3-6-00 | 1115 | 2 | X | | | | | | | | | |
| 3. 81 | 26HP09 | | | | 3-7-00 | 945 | 3 | X | X | | | | | | | | |
| 4. 82 | 26HP11 | | | | 3-7-00 | 1105 | 2 | X | | | | | | | | | |
| 5. 83 | 26MW050001 | | | | 3-6-00 | 1510 | 3 | X | X | | | | | | | | |
| 6. 84 | 26MW060001 | | | | 3-6-00 | 1345 | 3 | X | X | | | | | | | | |
| 7. 85 | 26MW010001 | | | | 3-7-00 | 1310 | 3 | X | X | | | | | | | | |
| 8. 86 | 26HP14 | | | | 3-7-00 | 1250 | 1 | | X | | | | | | | | |

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

| RELINQUISHED BY: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. CWBLON | 3-8-00 1000 | 1. |
| 2. | 3-8-00 11:00 | 2. |
| 3. | 3/8/00 1100 | 3. |

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler 4C

Comments: EDD REQ

Page 2 of 2

Shipment Complete: Yes ____ No ____

WHITE – CHEMTECH COPY FOR RETURN TO CLIENT YELLOW – CHEMTECH COPY PINK – SAMPLER COPY

NO. 26645

MAR 22 2000 17:30
MAR. 20. 2000 5:28PM CHEMTECH EDISON NO. 761
PAGE.02

MAR 20 2000 17:31

# CHEMTECH
## CHAIN OF CUSTODY RECORD

Please check one:

[ ] 110 Route 4, Englewood, NJ 07631, (201) 567-6868, Fax (201) 567-1333

[ ] 515 Route 9 South, Barnegat, NJ 08005, (609) 698-0199, Fax (609) 698-0910

[X] ANALAB/CM Division, 205 Campus Plaza 1, Edison, NJ 08837, Phone (732) 225-4111 Fax (732) 225-4110

CHEMTECH JOB NO.: L7270-03

CHEMTECH QUOTE NO.:

**CLIENT INFORMATION** — REPORT TO BE SENT TO:

COMPANY: FOSTER WHEELER

ADDRESS: ONE OXFORD VALLEY SUITE 200

CITY: LANGHORNE STATE: PA ZIP: 19047

ATTENTION: MIKE HOFFMAN

PHONE: 215-702-6015 FAX: -4045

**PROJECT INFORMATION**

PROJECT NAME: NWS - EARLE

PROJECT NO.: SITE 26

PROJECT MANAGER: M. HOFFMAN

LOCATION: COLTSNECK

PHONE: — FAX: —

**BILLING INFORMATION**

BILL TO: FOSTER WHEELER

ADDRESS:

CITY: STATE: ZIP:

ATTENTION: SONYA PHONE:

**DATA TURNAROUND INFORMATION**

[X] 21 DAYS
[ ] 14 DAYS
[ ] 7 DAYS
[ ] OTHER

APPROVED BY: (CHEMTECH'S PROJECT MGR)

21 DAY TURNAROUND HARDCOPY, EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED.

**DATA DELIVERABLE INFORMATION**

[X] NJ HI-DUCED
[ ] NJ CLP
[ ] USEPA CLP
[ ] NYS CLP
[ ] OTHER
[ ] CHEMTECH FORMAT
[ ] RESULTS ONLY
[ ] NYS ASP
[ ] DISKETTES

**ANALYSIS**

1 TCL VOC 8260B
2 TOTAL PESTICIDES
3
4
5
6
7
8
9

| CHEMTECH SAMPLE ID | SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 (A) | 2 (E) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 15487 | TB030600 | AQ | | X | 3-6-00 | — | 2 | X | | | | | | | | | |
| 2. 188 | PSPS02 | OTHER | X | | 3-3-00 | 530 | 1 | | X | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |

Specify Preservatives: A – HCl, B – $HNO_3$, C – $H_2SO_4$, D – NaOH, E – ICE, F – Other

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

| RELINQUISHED BY: SAMPLER | DATE/TIME | RECEIVED BY: |
|---|---|---|
| 1. CJOBSON | 3-8-00 1000 | 1. |
| RELINQUISHED BY: 2. | DATE/TIME: 3-8-00 10:05 | RECEIVED BY: 2. |
| RELINQUISHED BY: 3. | DATE/TIME: 3/8/00 11:4 | RECEIVED BY: 3. |

Conditions of bottles or coolers at receipt: [ ] Compliant [ ] Non-Compliant [ ] Temp. of Cooler 4 C

Comments: EDD NOQ

Page 1 of 2

Shipment Complete: Yes ____ No ____

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 02

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARLLocation: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15479

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9913.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26 HP 02

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15479

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9913.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |



FORM I VOA

1

CLIENT SAMPLE #

INORGANIC ANALYSIS DATA SHEET

26HP02

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 15479S

Level (low/med): LOW Date Received: 03/08/00

% S lids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 42000 | | | P |
| 7439-92-1 | Lead | 16.0 | | | P |
| 7439-96-5 | Manganese | 267 | | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM03.0

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 02D

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15480

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9929.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 02D

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15480

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9929.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 09

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15481

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9911.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 09

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARLLocation: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15481

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9911.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

ANALYSIS REPORT
1

CLIENT SAMPLE #

INORGANIC ANALYSIS DATA SHEET

26HP09

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 15481S

Level (low/med): LOW Date Received: 03/08/00

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 6950 | | | P |
| 7439-92-1 | Lead | 3.3 | | | P |
| 7439-96-5 | Manganese | 140 | | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

omments:

FORM I - IN ILM03.0

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 11

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARLLocation: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15482

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9910.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 14 | U |
| 75-01-4 | Vinyl Chloride | 9.2 | U |
| 74-83-9 | Bromomethane | 9.7 | U |
| 75-00-3 | Chloroethane | 11 | U |
| 75-35-4 | 1,1-Dichloroethene | 8.1 | U |
| 67-64-1 | Acetone | 29 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5.7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 45 | |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 28 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1800 | E |
| 74-97-5 | Bromochloromethane | 8.1 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7.3 | U |
| 563-58-6 | 1,1-Dichloropropene | 6.3 | U |
| 56-23-5 | Carbon Tetrachloride | 5.1 | U |
| 71-43-2 | Benzene | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 12 | U |
| 79-01-6 | Trichloroethene | 2500 | E |
| 78-87-5 | 1,2-Dichloropropane | 18 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 15 | U |
| 108-88-3 | Toluene | 6.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 48 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 8.3 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.4 | U |
| 591-78-6 | 2-Hexanone | 61 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 8.1 | U |
| 108-90-7 | Chlorobenzene | 5 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 11

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15482

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9910.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 7.4 | U |
| 1330-20-7 | m/p-Xylenes | 7.7 | U |
| 95-47-6 | o-Xylene | 8.3 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 11 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 11DL

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15482DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9930.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 71 | UD |
| 75-01-4 | Vinyl Chloride | 46 | UD |
| 74-83-9 | Bromomethane | 49 | UD |
| 75-00-3 | Chloroethane | 57 | UD |
| 75-35-4 | 1,1-Dichloroethene | 40 | UD |
| 67-64-1 | Acetone | 140 | UD |
| 75-15-0 | Carbon Disulfide | 25 | UD |
| 75-09-2 | Methylene Chloride | 29 | UD |
| 156-60-5 | trans-1,2-Dichloroethene | 43 | UD |
| 75-34-3 | 1,1-Dichloroethane | 25 | UD |
| 78-93-3 | 2-Butanone | 140 | UD |
| 156-59-2 | cis-1,2-Dichloroetnene | 1500 | D |
| 74-97-5 | Bromochloromethane | 41 | UD |
| 67-66-3 | Chloroform | 25 | UD |
| 71-55-6 | 1,1,1-Trichloroethane | 37 | UD |
| 563-58-6 | 1,1-Dichloropropene | 31 | UD |
| 56-23-5 | Carbon Tetrachloride | 26 | UD |
| 71-43-2 | Benzene | 25 | UD |
| 107-06-2 | 1,2-Dichloroethane | 61 | UD |
| 79-01-6 | Trichloroethene | 2100 | D |
| 78-87-5 | 1,2-Dichloropropane | 90 | UD |
| 74-95-3 | Dibromomethane | 25 | UD |
| 75-27-4 | Bromodichloromethane | 25 | UD |
| 108-10-1 | 4-Methyl-2-Pentanone | 76 | UD |
| 108-88-3 | Toluene | 31 | UD |
| 110-75-8 | 2-Chloroethyl vinyl ether | 240 | UD |
| 10061-02-6 | t-1,3-Dichloropropene | 42 | UD |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | UD |
| 79-00-5 | 1,1,2-Trichloroethane | 27 | UD |
| 591-78-6 | 2-Hexanone | 300 | UD |
| 124-48-1 | Dibromochloromethane | 25 | UD |
| 127-18-4 | Tetrachloroethene | 41 | UD |
| 108-90-7 | Chlorobenzene | 25 | UD |

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 HP 11DL

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARLLocation: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15482DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9930.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 37 | UD |
| 1330-20-7 | m/p-Xylenes | 39 | UD |
| 95-47-6 | o-Xylene | 41 | UD |
| 100-42-5 | Styrene | 25 | UD |
| 75-25-2 | Bromoform | 25 | UD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 56 | UD |
| 541-73-1 | 1,3-Dichlorobenzene | 25 | UD |
| 106-46-7 | 1,4-Dichlorobenzene | 25 | UD |
| 95-50-1 | 1,2-Dichlorobenzene | 25 | UD |

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 MW 050001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15483

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9909.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

25 MW 050001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15483

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9909.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

ANALYSIS REPORT
1

CLIENT SAMPLE #

INORGANIC ANALYSIS DATA SHEET

26MW050001

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 15483S

Level (low/med): LOW Date Received: 03/08/00

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 16800 | | | P |
| 7439-92-1 | Lead | 7.2 | | | P |
| 7439-96-5 | Manganese | 46.2 | | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM03.0

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 MW 060001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15484

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9908.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 MW 060001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15484

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9908.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

ANALYSIS REPORT
1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE #

26MW060001

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 154845

Level (low/med): LOW Date Received: 03/08/00

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 7240 | | | P |
| 7439-92-1 | Lead | 4.9 | | | P |
| 7439-96-5 | Manganese | 14.8 | B | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM03.0

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 MW 010001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15485

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: D9907.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 14 | U |
| 75-01-4 | Vinyl Chloride | 9.2 | U |
| 74-83-9 | Bromomethane | 9.7 | U |
| 75-00-3 | Chloroethane | 11 | U |
| 75-35-4 | 1,1-Dichloroethene | 8.1 | U |
| 67-64-1 | Acetone | 29 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5.7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 46 | |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 28 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 2300 | E |
| 74-97-5 | Bromochloromethane | 8.1 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7.3 | U |
| 563-58-6 | 1,1-Dichloropropene | 6.3 | U |
| 56-23-5 | Carbon Tetrachloride | 5.1 | U |
| 71-43-2 | Benzene | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 12 | U |
| 79-01-6 | Trichloroethene | 5800 | E |
| 78-87-5 | 1,2-Dichloropropane | 18 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 15 | U |
| 108-88-3 | Toluene | 6.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 48 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 8.3 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5.4 | U |
| 591-78-6 | 2-Hexanone | 61 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 8.1 | U |
| 108-90-7 | Chlorobenzene | 5 | U |

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26 MW 010001

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15485

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: D9907.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/16/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 7.4 | U |
| 1330-20-7 | m/p-Xylenes | 7.7 | U |
| 95-47-6 | o-Xylene | 8.3 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 11 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26MW010001DL

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARLLocation: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15485DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9931.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 140 | UD |
| 75-01-4 | Vinyl Chloride | 92 | UD |
| 74-83-9 | Bromomethane | 97 | UD |
| 75-00-3 | Chloroethane | 110 | UD |
| 75-35-4 | 1,1-Dichloroethene | 81 | UD |
| 67-64-1 | Acetone | 290 | UD |
| 75-15-0 | Carbon Disulfide | 50 | UD |
| 75-09-2 | Methylene Chloride | 57 | UD |
| 156-60-5 | trans-1,2-Dichloroethene | 86 | UD |
| 75-34-3 | 1,1-Dichloroethane | 50 | UD |
| 78-93-3 | 2-Butanone | 280 | UD |
| 156-59-2 | cis-1,2-Dichloroethene | 1900 | D |
| 74-97-5 | Bromochloromethane | 81 | UD |
| 67-66-3 | Chloroform | 50 | UD |
| 71-55-6 | 1,1,1-Trichloroethane | 73 | UD |
| 563-58-6 | 1,1-Dichloropropene | 63 | UD |
| 56-23-5 | Carbon Tetrachloride | 51 | UD |
| 71-43-2 | Benzene | 50 | UD |
| 107-06-2 | 1,2-Dichloroethane | 120 | UD |
| 79-01-6 | Trichloroethene | 4800 | D |
| 78-87-5 | 1,2-Dichloropropane | 180 | UD |
| 74-95-3 | Dibromomethane | 50 | UD |
| 75-27-4 | Bromodichloromethane | 50 | UD |
| 108-10-1 | 4-Methyl-2-Pentanone | 150 | UD |
| 108-88-3 | Toluene | 62 | UD |
| 110-75-8 | 2-Chloroethyl vinyl ether | 480 | UD |
| 10061-02-6 | t-1,3-Dichloropropene | 83 | UD |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | UD |
| 79-00-5 | 1,1,2-Trichloroethane | 54 | UD |
| 591-78-6 | 2-Hexanone | 610 | UD |
| 124-48-1 | Dibromochloromethane | 50 | UD |
| 127-18-4 | Tetrachloroethene | 81 | UD |
| 108-90-7 | Chlorobenzene | 50 | UD |

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

26MW010001DL

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15485DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9931.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 74 | UD |
| 1330-20-7 | m/p-Xylenes | 77 | UD |
| 95-47-6 | o-Xylene | 83 | UD |
| 100-42-5 | Styrene | 50 | UD |
| 75-25-2 | Bromoform | 50 | UD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 110 | UD |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | UD |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | UD |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | UD |

ANALYSIS REPORT
1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE #

26MW010001

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab C de: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 15485S

Level (low/med): LOW Date Received: 03/08/00

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 13900 | | | P |
| 7439-92-1 | Lead | 5.9 | | | P |
| 7439-96-5 | Manganese | 95.3 | | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM03.0

ANALYSIS REPORT
1

CLIENT SAMPLE #

INORGANIC ANALYSIS DATA SHEET

26HP14

Lab Name: CHEMTECH CONSULTING GROUP Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: L7270

Matrix (soil/water): WATER Lab Sample ID: 15486S

Level (low/med): LOW Date Received: 03/08/00

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7439-89-6 | Iron | 11300 | | | P |
| 7439-92-1 | Lead | 6.1 | | | P |
| 7439-96-5 | Manganese | 64.7 | | | P |

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

omments:

FORM I - IN ILM03.0

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TB030600

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15487

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9928.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TB030600

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENV.

Project No.: L7270NJ Site: NWS-EARL Location: COLTSNECK Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O15487

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9928.D

Level: (low/med) Date Received: 3/8/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

CHEMTECH, 285 Campus Plaza 1, Edison, NJ. 08837, Tel (732)225-4111 Fax (732)225-4110

GC Extractables

## Tabulated Analytical Report
## PESTICIDES

PROJECT: NWS_EARLE
Client ID: PSPS02
Lab ID: 15488/L7270 NJ
Filename: FR2945.D
Project: L7270NJ

Matrix: SOIL
Date extracted: 3/9/00
Batch: QP049
Date Analyzed: 3/10/00
Dilution: 1
Analyst: RW

| CAS # | COMPOUNDS | RESULTS (ug/KG) PRIMARY | CONFIRMATION | Q | MDL (ug/KG) |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | U | U | | 2.9 |
| 58-89-9 | gamma-BHC (Lindane) | U | U | | 2.9 |
| 76-44-8 | Heptachlor | U | U | | 2.9 |
| 309-00-2 | Aldrin | U | U | | 2.9 |
| 319-85-7 | beta-BHC | U | U | | 2.9 |
| 319-86-8 | delta-BHC | U | U | | 2.9 |
| 1024-57-3 | Heptachlor epoxide | U | U | | 2.9 |
| 959-98-8 | Endosulfan I | U | U | | 2.9 |
| 5103-71-9 | gamma-Chlordane | U | U | | 2.9 |
| 5103-74-2 | alpha-Chlordane | U | U | | 2.9 |
| 72-55-9 | 4,4'-DDE | U | U | | 2.9 |
| 60-57-1 | Dieldrin | U | U | | 2.9 |
| 72-20-8 | Endrin | U | U | | 2.9 |
| 33213-65-9 | Endosulfan II | U | U | | 2.9 |
| 72-54-8 | 4,4'-DDD | U | U | | 2.9 |
| 50-29-3 | 4,4'-DDT | U | U | | 2.9 |
| 7421-93-4 | Endrin aldehyde | U | U | | 2.9 |
| 1031-07-8 | Endosulfan Sulfate | U | U | | 2.9 |
| 72-43-5 | Methoxychlor | U | U | | 2.9 |
| 53494-70-5 | Endrin ketone | U | U | | 2.9 |

MDL = METHOD DETECTION LIMIT %SOLIDS 68%
U =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

# CHEMTECH
## CHAIN OF CUSTODY RECORD

Please check

☐ 110 Route 4, Englewood, NJ 07631, (201) 567-6868, Fax (201) 567-1333

☐ 515 Route 9 South, Barnegat, NJ 08005, (609) 698-0199, Fax (609) 698-0910

☒ ANALAB/CM Division, 205 Campus Plaza 1, Edison, NJ 08837, Phone (732) 225-4111 Fax (732) 225-4110

CHEMTECH JOB NO.: L7416 NJ

CHEMTECH QUOTE NO.:

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: FOSTER WHEELER ENVIR.

ADDRESS: ONE OXFORD VALLEY SUITE 210

CITY: LANGHORNE STATE: PA ZIP: 19047

ATTENTION: M. HEFFRON

PHONE: 215 702-4015 FAX: - 4045

### PROJECT INFORMATION

PROJECT NAME: NWS-EARLE

PROJECT NO.: SITE 26

PROJECT MANAGER: M. HEFFRON

LOCATION: COLTSNECK NJ

PHONE: — FAX: —

### BILLING INFORMATION

BILL TO: FOSTER WHEELER PO #:

ADDRESS:

CITY: STATE: ZIP:

ATTENTION: SONYA PHONE:

### DATA TURNAROUND INFORMATION

☐ 21 DAYS
☐ 14 DAYS
☒ 7 DAYS
☐ OTHER

APPROVED BY: (CHEMTECH'S PERSONNEL)

21 DAY TURNAROUND HARDCOPY, EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED.

### DATA DELIVERABLE INFORMATION

☒ NJ REDUCED
☐ NJ CLP
☐ USEPA CLP
☐ NYS CLP
☐ OTHER
☐ CHEMTECH FORMAT
☐ RESULTS ONLY
☐ NYS ASP
☐ DISKETTES

### ANALYSIS

1 TCL VOC 8260 2 3 4 5 6 7 8 9

| CHEMTECH SAMPLE ID | SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 (A/E) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 16454 | 26HP44 | AQ | | X | 3-15-00 | 1050 | 2 | X | | | | | | | | | |
| 2. 16455 | 26HP47 | ↓ | | X | ↓ | 1300 | 2 | X | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |

Specify Preservatives: A – HCl, B – $HNO_3$, C – $H_2SO_4$, D – NaOH, E – ICE, F – Other

### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY | DATE/TIME | RECEIVED BY |
|---|---|---|
| 1. | 3-16-00 11:10 | 1. |
| 2. | 3/16/00 1200 | 2. |
| 3. | 3/16/00 12 | 3. RECEIVED FOR LAB BY: |

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of Cooler ___ °C

Comments: BOBBLE IN ONE BOTTLE 26HP44 - USE OTHER BOTTLE, SAMPLES VERY TURBID

Page 1 of 1

Shipment Complete: Yes ___ No ___

Ver. 6-99

WHITE – CHEMTECH COPY FOR RETURN TO CLIENT YELLOW – CHEMTECH COPY PINK – SAMPLER COPY

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 26HP44

Lab Name: CHEMTECH Contract: FOSTER WHEELER

Project No.: L7416NJ Site: NWS-EARLLocation: COLTSNECK,NJ Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O16454

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9933.D

Level: (low/med) Date Received: 3/16/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 2.8 | U |
| 75-01-4 | Vinyl Chloride | 1.8 | U |
| 74-83-9 | Bromomethane | 1.9 | U |
| 75-00-3 | Chloroethane | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | 1.6 | U |
| 67-64-1 | Acetone | 5.8 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1.8 | U |
| 74-97-5 | Bromochloromethane | 1.6 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 2.5 | U |
| 79-01-6 | Trichloroethene | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | 3.6 | U |
| 74-95-3 | Dibromomethane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 3 | U |
| 108-88-3 | Toluene | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1.6 | U |
| 108-90-7 | Chlorobenzene | 1 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26HP44

Lab Name: CHEMTECH Contract: FOSTER WHEELER

Project No.: L7416NJ Site: NWS-EARLLocation: COLTSNECK,NJ Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O16454

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9933.D

Level: (low/med) Date Received: 3/16/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.: 26HP47

Lab Name: CHEMTECH Contract: FOSTER WHEELER

Project No.: L7416NJ Site: NWS-EARL Location: COLTSNECK,NJ Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O16455

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9934.D

Level: (low/med) Date Received: 3/16/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | | Q |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | • | 2.8 | U |
| 75-01-4 | Vinyl Chloride | • | 1.8 | U |
| 74-83-9 | Bromomethane | • | 1.9 | U |
| 75-00-3 | Chloroethane | • | 2.3 | U |
| 75-35-4 | 1,1-Dichloroethene | • | 1.6 | U |
| 67-64-1 | Acetone | | 5.8 | U |
| 75-15-0 | Carbon Disulfide | | 1 | U |
| 75-09-2 | Methylene Chloride | • | 1.1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | • | 1.7 | U |
| 75-34-3 | 1,1-Dichloroethane | • | 1 | U |
| 78-93-3 | 2-Butanone | | 5.6 | U |
| 156-59-2 | cis-1,2-Dichloroethene | • | 1.8 | U |
| 74-97-5 | Bromochloromethane | | 1.6 | U |
| 67-66-3 | Chloroform | • | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | • | 1.5 | U |
| 563-58-6 | 1,1-Dichloropropene | | 1.3 | U |
| 56-23-5 | Carbon Tetrachloride | • | 1 | U |
| 71-43-2 | Benzene | • | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | • | 2.5 | U |
| 79-01-6 | Trichloroethene | • | 2.8 | U |
| 78-87-5 | 1,2-Dichloropropane | • | 3.6 | U |
| 74-95-3 | Dibromomethane | | 1 | U |
| 75-27-4 | Bromodichloromethane | • | 1 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | | 3 | U |
| 108-88-3 | Toluene | • | 1.2 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | | 9.6 | U |
| 10061-02-6 | t-1,3-Dichloropropene | • | 1.7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | • | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | • | 1.1 | U |
| 591-78-6 | 2-Hexanone | | 12 | U |
| 124-48-1 | Dibromochloromethane | • | 1 | U |
| 127-18-4 | Tetrachloroethene | • | 1.6 | U |
| 108-90-7 | Chlorobenzene | • | 1 | U |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
26HP47

Lab Name: CHEMTECH Contract: FOSTER WHEELER

Project No.: L7416NJ Site: NWS-EARLLocation: COLTSNECK,NJ Group: 5970-VOA

Matrix: (soil/water) WATER Lab Sample ID: O16455

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9934.D

Level: (low/med) Date Received: 3/16/00

% Moisture: not dec. 100 Date Analyzed: 3/17/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

| CAS No. | Compound | | Q |
|---|---|---|---|
| 100-41-4 | Ethyl Benzene | 1.5 | U |
| 1330-20-7 | m/p-Xylenes | 1.5 | U |
| 95-47-6 | o-Xylene | 1.7 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.2 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |

# CHEMTECH
## CHAIN OF CUSTODY RECORD

☐ 110 Route 4, Englewood, NJ 07631, (201) 567-6868, Fax (201) 567-1333
☑ 205 Campus Plaza 1, Edison, NJ 08837, (732) 225-4111, Fax (732) 225-4110
☐ 515 Route 9 South, Barnegat, NJ 08005, (609) 698-0199, Fax (609) 698-0910

CHEMTECH JOB NO.: L7:1305
CHEMTECH QUOTE NO.:

**CLIENT INFORMATION** (REPORT TO BE SENT TO)
COMPANY: FOSTER WHEELER
ADDRESS: ONE OXFORD VALLEY SUITE 200
CITY: LANGHORNE STATE: PA ZIP: 19047
ATTENTION: M. HEFFRON
PHONE: 215-702-4103 FAX: 4045

**PROJECT INFORMATION**
PROJECT NAME: NWS - EARLE SITE 21
PROJECT NO.:
PROJECT MANAGER: M. HEFFRON
LOCATION: CONTE NECK NJ
PHONE: — FAX: —

**BILLING INFORMATION**
BILL TO: FOSTER WHEELER
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: SONIA PHONE:

**DATA TURNAROUND INFORMATION**
FAX: 72 hrs DAYS *
HARD COPY: DAYS *
EDD: HAZSITE DAYS *
* TO BE APPROVED BY CHEMTECH
— NORMAL TURNAROUND TIME 14 DAYS

**DATA DELIVERABLE INFORMATION**
☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ NYS ASP "B"
☒ NJ REDUCED ☐ NYS ASP "A"
☐ NJ CLP ☐ EDD
☐ EDD FORMAT:

**ANALYSIS**
1 TCL VOC 2 % SOLIDS (TPHC) 3 TCLP PEST/HERB 4 TCLP SEMI 5 6 7 8 9

| CHEMTECH SAMPLE ID | SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 (E) | 2 (E) | 3 | 4 (E) | 5 (E) | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 17128 | 26SD01 | Soil | | X | 3-22 | 815 | 2 | X | X | | | | | | | | |
| 2. 17129 | 26SD02 | Soil | | X | 3-22 | 825 | 2 | X | X | | | | | | | | |
| 3. 17130 | 26TB01 | AQ | | X | 3-21 | --- | 1 | X | | | | | | | | | |
| 4. 17131 | 3W CC4 | Air | X | | 3-23 | 9:00 | 1 | | | | X | X | | | | | |
| 5. 17132 | 3W CC4 | Air | X | | 3-23 | 9:10 | 1 | | | | X | X | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |

Special Preservatives: A - HCl, B - $HNO_3$, C - $H_2SO_4$, D - NaOH, E - Ice, F - Other

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

| RELINQUISHED BY | DATE/TIME | RECEIVED BY |
|---|---|---|
| 1. | 3-23-00 1015 | 1. |
| 2. | 3/23/00 1015 | 2. |
| 3. | 3/23/00 1015 | 3. Sunny Pello (RECEIVED FOR LAB BY) |

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☐ Temp. of cooler 4.0
Comments: CUSTODY SEAL # 114926

Page ___ of ___ Shipment Complete: Yes ___ No ___

Ver. 9-99 WHITE – CHEMTECH COPY FOR RETURN TO CLIENT YELLOW – CHEMTECH COPY PINK – SAMPLER COPY

MAR 29 2022 17:41 PAGE.02
MAR.29.2022 5:39PM CHEMTECH EDISON NO.995 P.2/14

# VOLATILE ORGANICS ANALYSIS DATA SHEET

26SD01

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: L7513NJ Site: NA Location: COLTSNECK, NJ Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O17128

Sample wt/vol: 8.0 (g/mL) G Lab File ID: D1054.D

Level: (low/med) MED Date Received: 3/23/00

% Moisture: not dec. 33 Date Analyzed: 3/25/00

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

| CAS No. | Compound | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 750 | U |
| 75-01-4 | Vinyl Chloride | 940 | U |
| 74-83-9 | Bromomethane | 510 | U |
| 75-00-3 | Chloroethane | 640 | U |
| 75-35-4 | 1,1-Dichloroethene | 340 | U |
| 67-64-1 | Acetone | 1500 | U |
| 75-15-0 | Carbon Disulfide | 400 | U |
| 75-09-2 | Methylene Chloride | 450 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 530 | U |
| 75-34-3 | 1,1-Dichloroethane | 380 | U |
| 78-93-3 | 2-Butanone | 720 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 320 | U |
| 74-97-5 | Bromochloromethane | 440 | U |
| 67-66-3 | Chloroform | 420 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 440 | U |
| 563-58-6 | 1,1-Dichloropropene | 480 | U |
| 56-23-5 | Carbon Tetrachloride | 460 | U |
| 71-43-2 | Benzene | 230 | U |
| 107-06-2 | 1,2-Dichloroethane | 420 | U |
| 79-01-6 | Trichloroethene | 230 | U |
| 78-87-5 | 1,2-Dichloropropane | 240 | U |
| 74-95-3 | Dibromomethane | 420 | U |
| 75-27-4 | Bromodichloromethane | 380 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 480 | U |
| 108-88-3 | Toluene | 410 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | 580 | U |
| 10061-02-6 | t-1,3-Dichloropropene | 410 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 320 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 450 | U |
| 591-78-6 | 2-Hexanone | 460 | U |
| 124-48-1 | Dibromochloromethane | 370 | U |
| 127-18-4 | Tetrachloroethene | 240 | U |
| 108-90-7 | Chlorobenzene | 370 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP57**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS177.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP58**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS178.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. _____ Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP59**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS179.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP60**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS180.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP61**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS181.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 1.0 | J |

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP61**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS181.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 0.5 | J |
| 75-35-4 | 1,1-Dichloroethene | 0.9 | J |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 0.5 | J |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 0.3 | J |
| 127-18-4 | Tetrachloroethene | 1.0 | J |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP62**

Lab Nam : S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS182.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP62**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS182.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 0.5 | J |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP63**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS186.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. _____ Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP64**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS185.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. _____ Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP65**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS190.D

Level: (low/med) LOW Date Received: 01/18/01

% Moisture: not dec. _____ Date Analyzed: 01/18/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP66**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS191.D

Level: (low/med) LOW Date Received: 01/18/01

% Moisture: not dec. Date Analyzed: 01/18/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 17 | |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP67**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS196.D

Level: (low/med) LOW Date Received: 01/18/01

% Moisture: not dec. Date Analyzed: 01/19/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

39

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26HP67 DUP**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101901 DUP

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS197.D

Level: (low/med) LOW Date Received: 01/18/01

% Moisture: not dec. Date Analyzed: 01/19/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

67

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26SW5**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS183.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26SW6**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS184.D

Level: (low/med) LOW Date Received: 01/17/01

% Moisture: not dec. _____ Date Analyzed: 01/17/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**26SW7**

Lab Name: S2C2, Inc. Contract: 8260B Mod.

Lab Code: 18015 Case No.: NA SAS No.: NA SDG No.: A00250

Matrix: (soil/water) WATER Lab Sample ID: A0101802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 1MS192.D

Level: (low/med) LOW Date Received: 01/18/01

% Moisture: not dec. Date Analyzed: 01/18/01

GC Column: HP624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 5.0 | U |
| 75-35-4 | 1,1-Dichloroethene | 5.0 | U |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U |
| 156-60-5 | trans 1,2-Dichloroethene | 5.0 | U |
| 156-59-2 | cis 1,2-Dichloroethene | 5.0 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U |
| 79-01-6 | Trichloroethene | 5.0 | U |
| 127-18-4 | Tetrachloroethene | 5.0 | U |

# APPENDIX C
# GROUNDWATER QUALITY PARAMETERS

EXAMPLE (Minimum Requirements)

W 11 PURGING-FIELD WATER QUALITY MEASUREMENTS FORM



Location (Site/Facility Name): NW3 Earle - Site 26

Well Number MW2601 Date 3/7/00

Field Personnel Jason Funk

Sampling Organization

Identify MP

Depth to (below MP) 12.16 / 24.67 of screen (top / bottom)

Pump Intake at (ft. below MP)

Purging Device; (pump type)

| Clock Time 24 HR | Water Depth below MP ft | Pump Dial[1] | Purge Rate ~~ml~~ gal/min | Cum. Volume Purged ~~liters~~ gallons | Temp. 8% °C | Spec. Cond.[2] 8% ~~µS~~ mS/cm | pH ±0.1 | ORP/ Eh[3] ± 10 mv | DO 10% mg/L | Turb-idity 10% NTU | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1216 | 12.79 | | 0.5 | | 11.4 | 15.6 | 5.70 | 285 | 14.2 | 270 | a little cloudy |
| 1221 | 13.19 | | 0.5 | | 11.6 | 15.1 | 5.67 | 278 | 10.0 | 220 | |
| 1226 | 13.05 | | " | | 11.6 | 14.5 | 5.63 | 270 | 9.0 | 220 | |
| 1231 | 12.96 | | " | | 11.7 | 14.0 | 5.58 | 255 | 8.4 | 190 | |
| 1236 | 12.90 | | 0.4 | | 11.7 | 13.3 | 5.55 | 241 | 7.7 | 150 | Clear |
| 1241 | 12.88 | | 0.4 | | 11.8 | 12.9 | 5.53 | 237 | 7.3 | 150 | |
| 1246 | 12.88 | | " | | 11.7 | 12.6 | 5.50 | 234 | 7.1 | 150 | |
| 1251 | 12.87 | | " | | 11.8 | 12.2 | 5.46 | 234 | 6.7 | 150 | |
| 1256 | 12.86 | | " | | 11.9 | 12.0 | 5.44 | 231 | 6.4 | 150 | |
| 1301 | 12.86 | | " | | 11.8 | 11.8 | 5.43 | 229 | 6.2 | 140 | |
| 1306 | 12.87 | | " | | 11.8 | 11.5 | 5.42 | 229 | 5.9 | 150 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation r duction potential (stand in for Eh).

EXAMPLE (Minimum Requirements)

Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM



Location (Site/Facility Name): NWS Earle-Sites
Well Number AS-1 Date 3/7/00
Field Personnel Jason Funk
Sampling Organization
Identify MP

Depth to (below MP) water 11.85 top / bottom 25.31 bottom of screen
Pump Intake at (ft. below MP)
Purging Device; (pump type) Whaler

| Clock Time 24 HR | Water Depth below MP ft | Pump Dial[1] | Purge Rate gal ~~ml~~/min | Cum. Volume Purged liters | Temp. 3% °C | Spec. Cond.[2] 3% µS/cm | pH ±0.1 | ORP/Eh[3] ±10 mv | DO 10% mg/L | Turbidity 10% NTU | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0844 | 17.24' | | 1.5 | | 12.9 | 7.3 | 4.96 | 331 | 6.5 | 130 | clear |
| 0848 | 17.51' | | " | | 13.0 | 7.4 | 4.91 | 246 | 5.0 | 110 | |
| 0852 | 17.62' | | " | | 13.0 | 7.5 | 4.95 | 206 | 4.6 | 140 | |
| 0856 | 17.73' | | " | | 13.0 | 7.6 | 4.97 | 204 | 4.5 | 150 | |
| 0900 | 17.84' | | " | | 13.0 | 7.7 | 4.98 | 207 | 4.6 | 150 ~~200~~ | |

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation r duction pot ntial (stand in for Eh).

EXAMPLE (Minimum Requirements)

Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM



Location (Site/Facility Name): NWS Earle - S. Lot 26

Well Number MW260S Date 3/6/00

Field Personnel Jason Funk

Sampling Organization

Identify MP

Depth to (below MP) 13.15 (water) / 20.80 (bottom) of screen top bottom

Pump Intake at (ft. below MP)

Purging Device; (pump type)

| Clock Time 24 HR | Water Depth below MP ft | Pump Dial[1] | Purge Rate gal ~~ml~~/min | Cum. Volume Purged gallons ~~liters~~ | Temp. ±3% °C | Spec. Cond.[2] ±3% µS/cm | pH ±0.1 | ORP/Eh[3] ±10 mv | DO 10% mg/L | Turbidity 10% NTU | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1428 | | | 0.5 | | 12.2 | 6.2 | 4.55 | 384 | 12.7 | 990 | Very cloudy |
| 1432 | | | 1.0 | | 11.6 | 6.7 | 4.47 | 401 | 9.9 | 990 | " |
| 1434 | | | 1.0 | | 12.2 | 6.2 | 4.47 | 409 | 9.1 | 650 | " |
| 1439 | | | 1.0 | | 12.1 | 6.1 | 4.42 | 410 | 9.3 | 310 | clearing up |
| 1443 | 14.79' | | 1.0 | | 12.1 | 6.2 | 4.40 | 412 | 9.1 | 270 | little suspended silt. |
| 1447 | 14.73' | | 1.0 | | 12.0 | 6.2 | 4.40 | 414 | 9.1 | 220 | " |
| 1451 | 14.70 | | 1.0 | | 12.0 | 6.2 | 4.40 | 414 | 9.1 | 210 | " (mostly clear) |
| 1465 | 14.68' | | 1.0 | | 12.0 | 6.2 | 4.41 | 413 | 9.0 | ~~238~~ 138 | " |
| 1500 | 14.61' | | 0.75 | | 12.0 | 6.2 | 4.51 | 399 | 9.1 | 100 | clear |
| 1504 | 14.55' | | 0.75 | | 12.0 | 6.2 | 4.49 | 401 | 9.1 | 98 | clear |
| 1508 | 14.43' | | 0.75 | | 12.1 | 6.2 | 4.46 | 401 | 9.1 | 98 | clear |

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm (same as µmhos/cm) at 25°C.
3. Oxidation reduction potential (stand in for Eh).

EXAMPLE (Minimum Requirements)

Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM



Location (Site/Facility Name): NWS Earle Site 26

Well Number MW7606 Date 3/6/00

Field Personnel Jason Funk

Sampling Organization

Identify MP

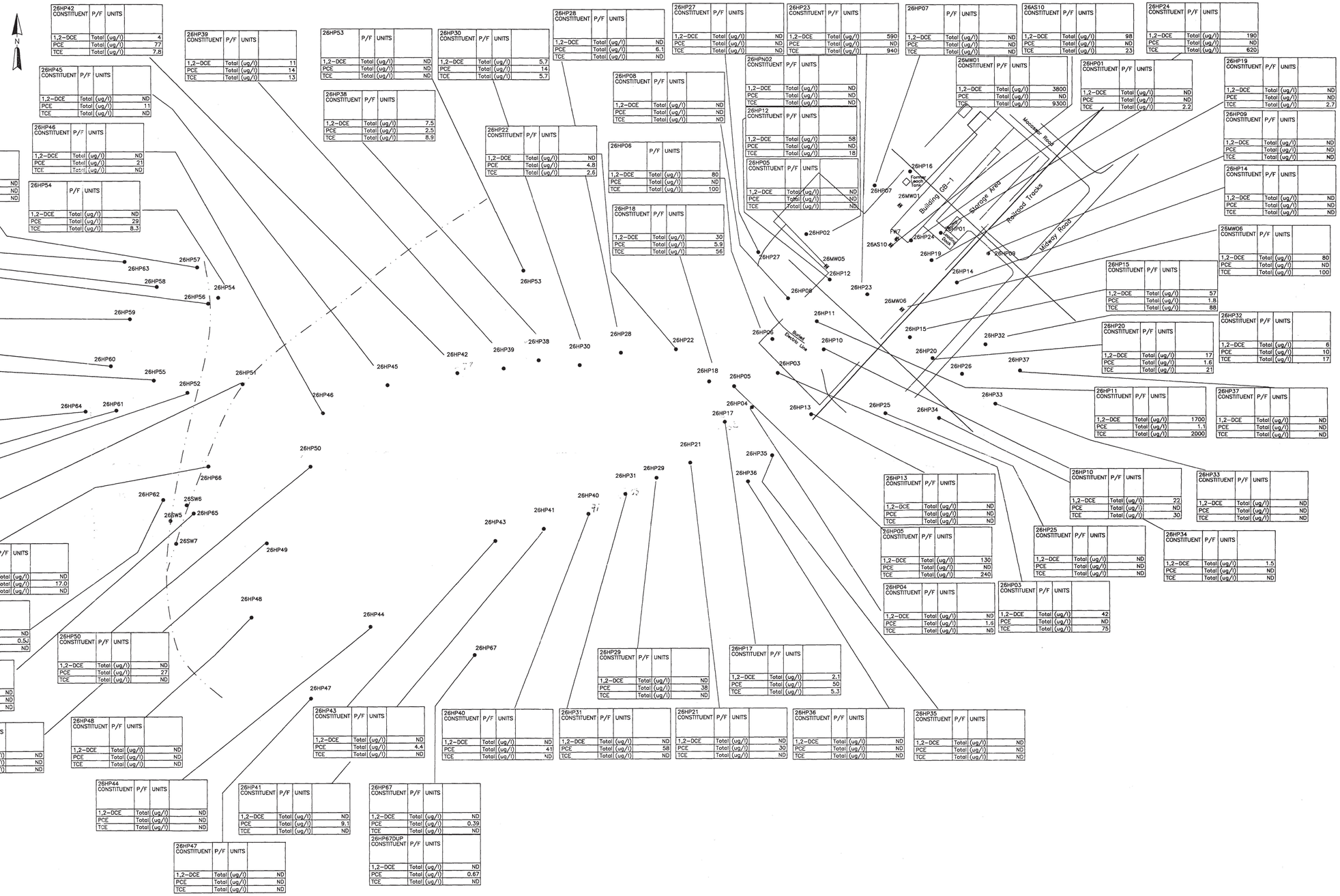
Depth to (below MP) 10.20' / 16.48' (bottom of well) of screen — top / bottom

Pump Intake at (ft. below MP)

Purging Device; (pump type)

| Clock Time 24 HR | Water Depth below MP ft | Pump Dial[1] | Purge Rate gal ~~ml~~/min | Cum. Volume Purged gallons ~~liters~~ | Temp. 3% °C | Spec. Cond.[2] 3% µS/cm | pH ±0.1 | ORP/Eh[3] ±10 mv | DO 10% mg/L | Turbidity 10% NTU | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1239 | | | 0.5 | | 11.0 | 9.9 | 5.76 | 230 | 10.3 | 990 | very cloudy |
| 1243 | | | " | | 10.1 | 9.3 | 5.70 | 245 | 9.4 | 990 | " |
| 1247 | | | " | | 10.3 | 9.1 | 5.67 | 258 | 8.7 | 990 | " |
| 1251 | | | " | | 10.5 | 9.1 | 5.53 | 270 | 8.4 | 890 | still cloudy, but cleaning up |
| 1255 | | | " | | 10.5 | 9.0 | 5.51 | 275 | 8.3 | 500 | " |
| 1259 | | | " | | 10.5 | 9.0 | 5.41 | 279 | 8.3 | 330 | getting clearer |
| 1303 | 12.20 | | " | | 10.6 | 8.9 | 5.47 | 278 | 8.4 | 240 | |
| 1307 | 12.08 | | " | | 10.7 | 8.8 | 5.49 | 276 | 8.4 | 190 | |
| 1311 | 12.10 | | " | | 10.6 | 8.8 | 5.39 | 281 | 8.4 | 140 | |
| 1315 | 12.13 | | " | | 10.6 | 8.7 | 5.41 | 281 | 8.4 | 120 | |
| 1319 | 12.01 | | " | | 10.6 | 8.7 | 5.41 | 281 | 8.4 | 100 | water clear |
| 1323 | 11.91 | | " | | 10.7 | 8.7 | 5.36 | 283 | 8.4 | 92 | |
| 1327 | | | " | | 10.8 | 8.2 | 5.46 | 273 | 8.2 | 390 | Flow went up causing turbid conditions |
| 1335 | | | | | 10.3 | 8.2 | 5.56 | 280 | 8.4 | 990 | |
| 1339 | | | | | 10.8 | 8.9 | 5.52 | 285 | 8.2 | 580 | Took sample - Turb not stable |

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm (same as µmhos/cm) at 25°C.
3. Oxidation reduction potential (stand in for Eh)




| 26HP42 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 4 |
| PCE | Total | (ug/l) | 77 |
| TCE | Total | (ug/l) | 7.8 |

| 26HP39 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 11 |
| PCE | Total | (ug/l) | 14 |
| TCE | Total | (ug/l) | 13 |

| 26HP53 | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP30 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 5.7 |
| PCE | Total | (ug/l) | 14 |
| TCE | Total | (ug/l) | 5.7 |

| 26HP28 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 6.1 |
| TCE | Total | (ug/l) | ND |

| 26HP27 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP23 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 590 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 940 |

| 26HP07 | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26AS10 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 98 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 23 |

| 26HP24 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 190 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 620 |

| 26HP45 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 11 |
| TCE | Total | (ug/l) | ND |

| 26HP38 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 7.5 |
| PCE | Total | (ug/l) | 2.5 |
| TCE | Total | (ug/l) | 8.9 |

| 26HP08 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP02 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26MW01 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 3800 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 9300 |

| 26HP01 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 2.2 |

| 26HP19 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 2.7 |

| 26HP22 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 4.8 |
| TCE | Total | (ug/l) | 2.6 |

| 26HP12 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 58 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 18 |

| 26HP09 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP06 | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 80 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 100 |

| 26HP05 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP14 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP58 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP63 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP57 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP54 | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 29 |
| TCE | Total | (ug/l) | 8.3 |

| 26HP18 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 30 |
| PCE | Total | (ug/l) | 5.9 |
| TCE | Total | (ug/l) | 56 |

| 26MW06 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 80 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 100 |

| 26HP56 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP59 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP15 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 57 |
| PCE | Total | (ug/l) | 1.8 |
| TCE | Total | (ug/l) | 88 |

| 26HP60 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP20 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 17 |
| PCE | Total | (ug/l) | 1.6 |
| TCE | Total | (ug/l) | 21 |

| 26HP32 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 6 |
| PCE | Total | (ug/l) | 10 |
| TCE | Total | (ug/l) | 17 |

| 26HP55 | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 25 |
| TCE | Total | (ug/l) | ND |

| 26HP11 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 1700 |
| PCE | Total | (ug/l) | 1.1 |
| TCE | Total | (ug/l) | 2000 |

| 26HP37 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP64 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP61 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 0.5J |
| PCE | Total | (ug/l) | 1.0J |
| TCE | Total | (ug/l) | 0.3J |

| 26HP10 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 22 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 30 |

| 26HP33 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP13 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP52 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 0 |
| PCE | Total | (ug/l) | 8.4 |
| TCE | Total | (ug/l) | 0 |

| 26HP51 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 8.5 |
| TCE | Total | (ug/l) | ND |

| 26HP66 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 17.0 |
| TCE | Total | (ug/l) | ND |

| 26HP05 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 130 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 240 |

| 26HP25 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP34 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 1.5 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP62 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 0.5J |
| TCE | Total | (ug/l) | ND |

| 26HP04 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 1.6 |
| TCE | Total | (ug/l) | ND |

| 26HP03 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 42 |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | 75 |

| 26HP65 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP50 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 27 |
| TCE | Total | (ug/l) | ND |

| 26HP29 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 38 |
| TCE | Total | (ug/l) | ND |

| 26HP17 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | 2.1 |
| PCE | Total | (ug/l) | 50 |
| TCE | Total | (ug/l) | 5.3 |

| 26HP49 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP48 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP43 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 4.4 |
| TCE | Total | (ug/l) | ND |

| 26HP40 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 41 |
| TCE | Total | (ug/l) | ND |

| 26HP31 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 58 |
| TCE | Total | (ug/l) | ND |

| 26HP21 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 30 |
| TCE | Total | (ug/l) | ND |

| 26HP36 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP35 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP44 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

| 26HP41 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 9.1 |
| TCE | Total | (ug/l) | ND |

| 26HP67 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 0.39 |
| TCE | Total | (ug/l) | ND |

| 26HP67DUP CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | 0.67 |
| TCE | Total | (ug/l) | ND |

| 26HP47 CONSTITUENT | P/F | UNITS | |
|---|---|---|---|
| 1,2-DCE | Total | (ug/l) | ND |
| PCE | Total | (ug/l) | ND |
| TCE | Total | (ug/l) | ND |

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Figure 3
Direct Push Groundwater Sample Locations and VOC Concentrations

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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