

**MALCOLM
PIRNIE**

DRAFT

**CORRECTIVE
MEASURES STUDY (CMS)
FIELD DATA REPORT
SIBERIA AREA
WATERVLIET ARSENAL,
Watervliet, New York**

**Baltimore Corps of Engineers
Baltimore, Maryland**



**US Army Corps
of Engineers**
Baltimore District

DRIVEN BY A VISION...to be the BEST

Prepared by:
Malcolm Pirnie, Inc.
15 Cornell Road
Latham, New York 12110

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1.0 INTRODUCTION/BACKGROUND

The purpose of this report is to present the findings of field investigations completed since the finalization of the Siberia Area RCRA Facility Investigation (RFI). The Final RFI was submitted to the United States Environmental Protection Agency (USEPA) and the New York State Department of Environmental Conservation (NYSDEC) in December 1997. During the finalization of the RFI, the USEPA and NYSDEC generated several comments/concerns on the nature and extent of contamination in the soils and groundwater at the site, and groundwater flow patterns in the Southwest Quadrant. As a result of these concerns, additional investigations were completed as part of the Corrective Measures Studies (CMS). These studies would define the limits of soil/sediment contamination and the vertical extent of groundwater contamination in the Northeast Quadrant.

In addition to the collection of data to support the CMS, Malcolm Pirnie completed oversight activities and sampling for Watervliet Arsenal in the Siberia Area (Figure 1-1). The activities included the soil removal action associated with the Perfection Plating Site, adjacent to the northeast fence line, which was completed by the NYSDEC under the State Superfund Program. Additional soil removal activities and sampling were also conducted in the area of the Electrical Substation in the Southwest Quadrant. The excavation activities were completed under a contract directly with Watervliet Arsenal's Public Works Directorate, as part of the Main Electrical Substation upgrade. For this project Malcolm Pirnie conducted oversight of the soil removal activities and collected soil samples for delineation of contamination and disposal alternatives.

1.1 Objective

The primary objective of the additional investigations conducted following the completion of the Siberia Area RFI were as follows:

- Fill data gaps identified at the completion of the Siberia Area RFI and facilitate the completion of the Siberia Area CMS.
- Further refine the understanding of contaminant distribution.

- Update the data base since completion of the RFI.
- Collect data for the CMS bench-scale studies.

2.0 SCOPE OF WORK

2.1 Soil Sampling

Soil sampling was performed outside the Siberia Area fence along the perimeter of the Northeast and Northwest Quadrants. The sampling event was conducted to address the nature and extent of potential off-site semi-volatile organic compounds (SVOCs) and inorganic contamination in soils and sediments as a results of historic site operations. During this sampling event soil samples were collected from six locations (SS-1 through SS-6). Soil sample SS-7 is a duplicate sample from location SS-6. Soil sampling locations are shown on Figure 2-1. Soil sampling methods were performed in accordance with the approved Final Work Plan, dated October 1995.

2.2 Sediment Sampling

Sediment samples were collected for analysis of SVOCs and inorganics from 10 locations (SED-1 through SED-10). Six of the 10 sediment sampling locations (SD-1 through SD-6) were located between the Delaware and Hudson Railroad tracks which parallel the western edge of the Northwest Quadrant of Siberia Area and the facility fence. The remaining four sediment sampling locations (SD-7 through SD-10) were located between the northern perimeter fence and 12th Street. Sediment sampling was performed in accordance with the approved Final Work Plan. Sediment sampling locations are shown on Figure 2-1.

Field immunoassays testing was performed for polycyclicaromatic hydrocarbons (PAHs) from sediment sampling locations SD-1 through SD-6 using field kits manufactured by Enviroguard, Inc. (Enviroguard). As part of the protocol for Enviroguard field analysis kits, a negative control and three calibrations standards were established for varying PAH concentrations (5 parts per million (ppm), 25 ppm, and 125 ppm) to calibrate the results.

Results from immunoassay samples were identified by reading a photometric device to establish approximate concentrations.

2.3 Test Pit 03 Sampling

Test Pits were excavated in numerous locations in the Siberia Area to collect soil samples for an area-wide treatability study of contaminated soil and to obtain information on the type of fill materials that would be encountered during subsequent remedial efforts. The excavations identified numerous areas of visibly stained soil and burned material which was collected for aerobic bench-scale testing of bioremediation alternatives. Test Pit 03 was located near 95MPI-SA-MW32 and samples from this test pit were analyzed for VOCs as well as SVOCs.

2.4 Installation of Additional Groundwater Monitoring Wells

Two additional monitoring wells were installed in order to further define the vertical extent of VOC contaminated groundwater in the Northeast Quadrant of the Siberia Area. The new monitoring wells were installed adjacent to monitoring well 95MPI-SA-MW32, where contaminated groundwater was previously identified in the overburden.

The new monitoring wells were identified as 97-MPI-SA-MW39 (MW39) and 98-MPI-SA-MW41 (MW41). The location of the new monitoring wells are presented on Figure 2-2. Field work and installation activities were conducted in accordance with the approved Final Work Plan and the Final Work Plan Addendum. Both wells were installed by advancing hollow-stem augers until refusal, then drilling to the desired depth with an air rotary roller bit. A summary table of monitoring wells previously installed in the Siberia Area is presented in Table 3-1 of the RCRA Facility Investigation Report, Siberia Area, December 1997. Boring logs and construction diagrams for monitoring wells MW39 and MW41 are included in Appendix A of this report.

MW39 was installed in weather bedrock to a total depth of 14 feet bgs. The monitoring well was constructed with 2-inch PVC casing with a screened interval from 11 feet to 14 feet bgs. MW41 was drilled to a depth of 94 feet bgs into competent bedrock.

The monitoring well was constructed with 4-inch PVC casing from ground surface to approximately 74 feet bgs and an open hole from 74 feet bgs to 94 feet bgs.

2.5 Installation of Micro Well

A micro well was installed in the overburden soils in the Southwest Quadrant of the Siberia Area adjacent to the electrical substation area. The micro well is identified as monitoring well 98-MPI-SA-MW40 (MW40). The area selected for installation was previously identified as having petroleum stained fill material and is shown on Figure 2-2 in the Southwest Quadrant. The micro well was installed to assist in determining the nature and extent of dissolved petroleum hydrocarbons and VOCs in groundwater in proximity to the electrical substation. The micro well was constructed of 1-inch PVC and included a screened interval from 4 feet to 9 feet bgs. A boring log and construction diagram for MW40 are included in Appendix A. The micro well was installed using a truck mounted Geoprobe drilling rig.

2.6 Substation Soil Characterization and Waste Disposal Assessment

Soil sampling activities were completed in the substation area to observe the subsurface conditions in this area, to collect soil samples prior to disposal of the soils, and perform oversight of Watervliet Arsenal's subcontractor performing the work. The work completed by the WVA subcontractor was completed as part of the electrical substation upgrade program. The excavation was completed to the east of the existing substation, the original excavation for the new foundation extended approximately 20 feet from the existing transformer concrete slab. A total of eight soil sampling locations were sampled in the vicinity of the substation during two separate events. The first event was conducted on December 4, 1997 and the second was conducted on January 6, 1998.

2.6.1 December 4, 1997 Soil Sampling Event

Soil samples were collected from four locations (SUB-1 through SUB-4) during the initial phase of the excavation on December 4, 1997. Four locations were selected with

two soil samples collected at each location from different depths. Surface soil samples were collected from within 0.5 feet of the ground surface and from approximately 1.5 to 2.5 feet bgs. The samples were collected from the side walls of foundation excavation, inside the facility fence along the electrical substation eastern perimeter. Soil sampling locations are shown on Figure 2-3.

2.6.2 January 6, 1998 Soil Sampling Event

The second soil sampling event was conducted on January 6, 1998. Soil samples, SUB-5 through SUB-8, were collected in an area located to the east of the original foundation excavation. This area was identified for further excavation activities based on visual observations and the previous analytical data. This area extended approximately 20 feet to the east of the original excavation, the limits of the excavation were defined in coordination with the NYSDEC. Figure 2-3 presents the soil sampling locations.

2.7 Groundwater Elevation Assessment/Groundwater Sampling Event

An additional round of groundwater level measurements were collected on June 22, 1998, to provide additional data for the design of the reactive wall pilot treatment system in the Northeast Quadrant and to assess groundwater flow patterns across the entire Siberia Area. Measurements were collected from forty monitoring wells during the event and are shown in Table 2-1.

Groundwater sampling was also conducted at six groundwater monitoring wells in the Northeast Quadrant: MW32, MW34, MW38, MW39, MW41 and MW-ESE-8, and the micro well, MW40, installed in the Southwest Quadrant of the Siberia Area. Work was conducted in accordance with the approved Final Work Plan and the Work Plan Addendum.

2.8 Perfection Plating

As part of the NYSDEC remediation activities at the adjacent Perfection Plating Site, duplicate soil samples were collected on portions of the Siberia Area property. The soil sampling activities were conducted to further delineate off-site soil contamination at the

Perfection Plating Site which extends onto the Siberia Area. Soil samples were collected in an area of stressed vegetation extending from the Perfection Plating facility across the property fence line and onto the Siberia Area. Soil samples were collected by NYSDEC representatives and duplicate samples were collected by Malcolm Pirnie representatives.

A NYSDEC representative used a clean, decontaminated shovel to dig small shovel hole to depths ranging from 0.25 feet to 0.5 feet below grade. When at the desired depth below grade was reached, soil on the end of the shovel was placed into precleaned wide mouth jars, capped, and packed on ice in a cooler, for shipment to the laboratory. Split samples were collected at various locations in the soil removal area. Malcolm Pirnie split samples were collected by giving precleaned soil jars to the NYSDEC representative to fill following the collection of the NYSDEC samples. Malcolm Pirnie personnel also collected duplicate and rinse blank samples for quality control purposes. All split samples were analyzed for RCRA metals.

2.9 Sewer Characterization

Test Pits were excavated in order to examine the construction of storm sewer lines and determine type of bedding materials in the Northeast and Northwest Quadrants of the Siberia Area along the access road. Three test pits (TP-1 through TP-3) were excavated to expose the storm sewers located on the east and west side of the main access road on July 21, 1998. The test pits were dug in response to comments received from the NYSDEC and USEPA concerning the location, construction and condition of storm sewers in the Siberia Area and their potential effects on the proposed Reactive Wall Pilot System. An additional test pit (TP-4) was excavated in the Northeast Quadrant in the area of MW32 for the purpose of collecting a groundwater sample and collecting additional soil characteristics. Test pit locations are shown on Figure 2-2.

A backhoe, provided by WVA, was used to excavate the test pits. Visual observations were noted after the test pits were completed. Excavated soils were placed back into the test trenches and compacted in place. Information recorded included type of sewer (i.e., vitrified clay pipe vs concrete) material and bedding. Samples of groundwater seepage

were also collected from Test Pits TP-1, TP-2 and TP-4 for chemical analyses. A photoionization detector was used to monitor the ambient air quality for the presence of VOCs emanating from the soil.

2.10 Building 145

In April 1998 soil samples were collected by Watervliet personnel during an asbestos removal project completed on the South wall of Building 145. Analytical results are included in Section 3.0 of this report.

3.0 SUMMARY OF RESULTS

3.1 Soil Sampling

Soil sampling locations along the northern perimeter of the Siberia Area (SS-1 through SS-6, including the duplicate sample SS-7) contained compounds that exceeded NYSDEC TAGM criteria. Detected benzo(a)anthracene concentrations ranged from 340 µg/kg (SS-7) to 3,600 µg/kg (SS-4) while the detected benzo(a)pyrene concentrations ranged from 340 µg/kg (SS-7) to 3,700 µg/kg (SS-4). The NYSDEC TAGM criteria for benzo(a)anthracene is 224 µg/kg and 61 µg/kg for benzo(a)pyrene. The NYSDEC TAGM criteria for dibenzo(a,h) anthracene (14 µg/kg) was also exceeded in sample SS-1. A concentration of 85 µg/kg of dibenzo(a,h) anthracene was reported in soil sampling location SS-1.

Additionally, soil samples SS-1 through SS-8 and sample SS-10 contained arsenic concentrations above the NYSDEC TAGM criteria of 10.5 mg/kg. Arsenic concentrations in soil sample SS-9 (9.7 mg/kg) were below the NYSDEC TAGM criteria. Soil samples SS-1 through SS-10 contained lead concentrations above the NYSDEC TAGM criteria of 185.5 mg/kg.

Detected contaminant concentrations for arsenic ranged from 21.6 mg/kg (SS-3) to 104 mg/kg (SS-5). Detected concentrations of lead ranged from 350 mg/kg (SS-2) to 1,130 mg/kg (SS-5) for lead. Tables 3-2 and 3-3 summarize the analytical results, while

Figure 3-1 depicts locations and concentrations of detected compounds. Laboratory analytical data sheets are provided in Appendix D.

Soil sample SS-1 contained SVOC concentrations above NYSDEC TAGM criteria for benzo(a)anthracene, benzo(a)pyrene, and dibenzoanthracene. Benzo(a)anthracene, concentrations were detected at 700 µg/kg which exceeds the NYSDEC TAGM criteria of 224 µg/kg. Benzo(a)pyrene concentrations were detected at 780 µg/kg exceeding the NYSDEC TAGM criteria of 61 µg/kg. An estimated concentration of Dibenzoanthracene concentrations were detected at 85 µg/kg exceeding the NYSDEC TAGM criteria of 14 µg/kg. Concentrations of 710 µg/kg and 700 µg/kg for benzo(a)anthracene and benzo(a)pyrene, respectively were detected during confirmatory analysis. Dibenzoanthracene was not detected in the confirmatory analysis. Arsenic and lead were detected above the NYSDEC TAGMs. Arsenic concentrations were detected at 80.6 mg/kg while lead was detected at 388 mg/kg.

Soil sample SS-2 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene concentrations were detected at 790 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 860 µg/kg exceeding the NYSDEC TAGM. Concentrations of 780 µg/kg and 790 µg/kg for benzo(a)anthracene and benzo(a)pyrene, respectively were detected during confirmatory analysis. Arsenic and lead were detected above the NYSDEC TAGM. Arsenic concentrations were detected at 35.8 mg/kg while lead was detected at 350 mg/kg.

Soil sample SS-3 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene, concentrations were detected at 1,200 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 1,400 µg/kg exceeding the NYSDEC TAGM. Arsenic and lead were detected above the NYSDEC TAGM. Arsenic concentrations were detected at 21.6 mg/kg while lead was detected at 373 mg/kg.

Soil sample SS-4 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene, concentrations were detected at 3,600 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene

concentrations were detected at 3,700 µg/kg exceeding the NYSDEC TAGM. Arsenic and lead were detected above the NYSDEC TAGM. Arsenic concentrations were detected at 55.8 mg/kg while lead was detected at 386 mg/kg.

Soil sample SS-5 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene, concentrations were detected at 720 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 840 µg/kg exceeding the NYSDEC TAGM. Arsenic and lead were detected above the NYSDEC TAGM. Arsenic concentrations were detected at 104 mg/kg while lead was detected at 1,130 mg/kg.

Soil sample SS-6 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene, concentrations were detected at 420 µg/kg which exceeds the NYSDEC TAGM criteria of 224 µg/kg. Benzo(a)pyrene concentrations were detected at 410 µg/kg exceeding the NYSDEC TAGM. Arsenic and lead were detected above the NYSDEC TAGM. Arsenic concentrations were detected at 67.7 mg/kg while lead was detected at 408 mg/kg.

The duplicate sample (SS-7) collected together with soil sample SS-6, exhibited concentrations of 72.4 mg/kg for arsenic and 376 mg/kg for benzo(a)pyrene, 340 µg/kg for benzo(a)anthracene and 340 µg/kg for benzo(a)pyrene.

3.2 Sediment Sampling

Laboratory analyses for PAHs were performed on sediment samples SD-1, SD-2, SD-7, SD-8, SD-9, and SD-10. Immunoassays field test kits were used for sediment sampling analysis at locations SD-1 through SD-6. Tables 3-2, 3-3, 3-5 summarize the analytical results, while Figure 3-1 presents the sampling locations. Laboratory analytical data sheets are provided in Appendix D.

Sediment sampling locations SD-1, SD-2, SD-8, and SD-10 (including a confirmatory analysis performed on SD-8) were found to exceed the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene concentrations ranged from 160J µg/kg (SD-9) to 5,000 µg/kg (SD-2) while the benzo(a)pyrene con-

centrations ranged from 180J µg/kg (SD-9) to 4,400 µg/kg (SD-2). Sediment sampling location SD-10 exhibited a phenol concentration of 360 µg/kg which is above the NYSDEC TAGM.

Additionally, sediment samples collected (SD-7, SD-8, and SD-10) exhibited arsenic and lead concentrations above the NYSDEC TAGM criteria of 10.5 mg/kg and 185.5 mg/kg, respectively. Concentrations ranged from 9.7 mg/kg (SD-9) to 24.4 mg/kg (SD-7) for arsenic and from 67.4 mg/kg (SD-9) to 320 mg/kg (SD-7) for lead.

Sediment sample SED-1 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene concentrations were detected at 2,600 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 2,800 µg/kg exceeding the NYSDEC TAGM.

The immunoassay results for sample SED-1 indicate the potential presence of PAHs with a total concentration less than 5 ppm. The detected relative photometric concentrations are 1.56 and 1.54 for the initial analysis and the duplicate. The negative control for the immunoassay analysis exhibited relative photometric concentrations of 1.42 and 1.41, respectively. The laboratory analyses for PAHs exhibit total PAH concentrations of approximately 67 ppm, indicating that the field immunoassay data may be biased low.

Sediment sample SED-2 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene, concentrations were detected at 5,000 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 4,400 µg/kg exceeding the NYSDEC TAGM.

The immunoassay results for sample SED-2 indicate the potential presence of PAHs, with concentrations ranging between 5 ppm and 25 ppm as the detected relative photometric concentrations are 0.99 for both the initial analysis and the duplicate analysis. The relative photometric concentrations for 5 ppm are 1.19 and 1.17 while the relative photometric concentrations for 25 ppm are 0.77 and 0.74. The laboratory analyses for PAHs indicate

total PAH concentrations of approximately 56 ppm, indicating that the field immunoassay data may be biased low.

The immunoassay results for this sediment sampling locations SD-3, SD-4, SD-5, and SD-6 indicated PAHs with concentrations ranging from non-detect to 5 ppm. Results from the immunoassay testing is included in Table 3-5. No laboratory analysis for PAHs was performed for these sediment sampling locations.

Sediment sample SED-7 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)pyrene. The estimated Benzo(a)pyrene concentration of 190 µg/kg exceeded the NYSDEC TAGM. Arsenic and lead were also detected above the NYSDEC TAGM. Arsenic concentrations were detected at 24.4 mg/kg while lead was detected at 320 mg/kg.

Sediment sample SED-8 contained SVOC concentrations above the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene. Benzo(a)anthracene concentrations were detected at 400 µg/kg which exceeds the NYSDEC TAGM criteria of 224 µg/kg. Benzo(a)pyrene concentrations were detected at 490 µg/kg exceeding the NYSDEC TAGM. Confirmatory or duplicate sample analyses identified concentrations of 390 µg/kg for benzo(a)anthracene and an estimated concentration of 460 µg/kg for benzo(a)pyrene. Arsenic and lead were also detected above the NYSDEC TAGM. Arsenic concentrations were detected at 10.7 mg/kg while lead was detected at 190 mg/kg.

Sediment sample SED-9 contained concentrations above the NYSDEC TAGM criteria for benzo(a)pyrene. Estimated Benzo(a)pyrene concentrations were detected at 180 µg/kg exceeding the NYSDEC TAGM. Arsenic and lead were detected below the NYSDEC TAGM criteria.

Sediment sample SED-10 contained SVOC concentrations above the NYSDEC TAGM criteria for phenol, benzo(a)anthracene, and benzo(a)pyrene. Phenol concentrations were detected at 360 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)anthracene concentrations were detected at 1,500 µg/kg which exceeds the NYSDEC TAGM. Benzo(a)pyrene concentrations were detected at 1,400 µg/kg exceeding the NYSDEC TAGM. Arsenic was reported above the NYSDEC TAGM.

3.3 Test Pit 03 Sampling

Analytical results from soil samples collected from Test Pit 03 identified the presence of PCE at 77,000 µg/kg, which exceeds the NYSDEC TAGM criteria of 11,200 µg/kg. 1,2-DCE was detected at an estimated concentration of 520 µg/kg and TCE was detected at an estimate concentration of 1,600 µg/kg. These concentrations for 1,2-DCE and TCE are below the NYSDEC TAGM criteria of 2,400 µg/kg and 5,600 µg/kg, respectively. Methylene chloride was also detected at an estimated concentration of 490 µg/kg which is below the pertinent NYSDEC TAGM criteria of 800 µg/kg. Methylene chloride, which is a common laboratory contaminant was also detected in the method blank sample.

Semi-Volatile analyses from the soil sample collected from Test Pit 03 identified one compound above the listed semi-volatile NYSDEC TAGM criteria. Benzo(a)pyrene was reported with a concentration of 190 µg/kg, which is above the NYSDEC TAGM. Reported PCB concentrations included detections of Aroclor 1254 with a concentration of 76 µg/kg and Aroclor 1260 at 150 µg/kg, all detected values are well below the NYSDEC TAGM for PCBs. Analytical results are presented in Tables 3-1, 3-2 and 3-4. Laboratory analytical data sheets are provided in Appendix D.

3.4 Substation Soil Characterization and Waste Disposal Assessment

Analytical data of soil samples collected from the substation area are summarized in Tables 3-6 and 3-7.

3.4.1 December 4, 1997 Soil Sampling Event

With the exception of the surface soil sample (0 to 0.5 feet) collected at SUB-3, soil samples collected during this sampling event contained concentrations of benzo(a)anthracene above the NYSDEC TAGM criteria of 224 µg/kg. Detected concentrations ranged from 140 µg/kg (SUB-3-0-0.5) to 11,000 µg/kg (SUB-4-1.5-2). Additionally, soil samples during this sampling event exhibited benzo(a)pyrene concentrations above the NYSDEC TAGM criteria of 61 µg/kg. Detected concentrations ranged from 160 µg/kg (SUB-3-0-0.5) to 9,300 µg/kg (SUB-4-1.5-2). NYSDEC TAGM criteria were also exceeded for benzo(b)-

fluranthene in two samples (SUB-4-0-0.5, SUB-4-1.5-2) and dibenzo(a,h)anthracene in three samples (SUB-1-0-0.5, SUB-4-0-0.5, and SUB-4-1.5-2). Benzo(b)fluranthene exceedances ranged 10,000 µg/kg to 11,000 µg/kg, dibenzo(a,h)anthracene exceedances ranged from 530 µg/kg to 1,500 µg/kg.

Soil sample SUB-1 exceeded the NYSDEC TAGM criteria for benzo(a)anthracene, benzo(a)pyrene, and dibenzo(a,h)anthracene in the surface soil samples. Detected concentrations were 3,500 µg/kg for benzo(a)anthracene, 3,300 µg/kg for benzo(a)pyrene, and 530 µg/kg for dibenzo(a,h)anthracene. Concentrations above the NYSDEC TAGM criteria were also detected for benzo(a)anthracene and benzo(a)pyrene in the soil sample collected from 2 to 2.5 feet bgs. Detected concentrations were 360 µg/kg for benzo(a)anthracene and 510 µg/kg for benzo(a)pyrene.

Soil sample SUB-2 exceeded the NYSDEC TAGM criteria for benzo(a)anthracene and benzo(a)pyrene in the surface soil samples and the soil sample collected from 2 to 2.5 feet bgs. Detected concentrations were 280 µg/kg and 870 µg/kg for benzo(a)anthracene, respectively and 290 µg/kg and 720 µg/kg for benzo(a)pyrene, respectively.

Soil sample SUB-3 results exceeded the NYSDEC TAGM criteria for benzo(a)pyrene in the surface soil samples and benzo(a)anthracene and benzo(a)pyrene in the soil sample collected from 1 to 1.5 feet bgs. Concentrations in the surface soils were 160 µg/kg for benzo(a)pyrene, and 230 µg/kg for benzo(a)anthracene and 420 µg/kg for benzo(a)pyrene in the soil sample collected from 1 to 1.5 feet bgs.

Soil sample SUB-4 exceeded the NYSDEC TAGM criteria for benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, and dibenzo(a,h)anthracene in both the surface soil sample and the soil sample collected from 1.5 to 2 feet bgs. Concentrations in the surface soil sample were 6,800 µg/kg for benzo(a)anthracene, 10,000 µg/kg for benzo(b)fluranthene, 7,500 µg/kg for benzo(a)pyrene, and 1,500 µg/kg for dibenzo(a,h)anthracene. Detected concentrations in the soil sample collected from 1.5 to 2 feet bgs were 11,800 µg/kg for benzo(a)anthracene, 10,000 µg/kg for benzo(b)fluranthene, 8,600 µg/kg for benzo(a)pyrene, and 760 µg/kg for dibenzo(a,h)anthracene.

A duplicate analysis performed for the sample (SUB-4) collected from 1.5 to 2 feet bgs confirmed the NYSDEC TAGM criteria exceedances for benzo(a)anthracene, benzo(b)fluoranthene, and benzo(a)pyrene. Dibenzo(a,h)anthracene was not detected in the duplicate analysis.

3.4.2 June 1, 1998 Soil Sampling Event

Soil samples, SUB-5, SUB-6, SUB-7, and SUB-8, were found to exceed the NYSDEC TAGM criteria for mercury of 0.1 mg/kg. Concentrations of mercury ranged from 0.11 mg/kg (SUB-7 and SUB-8) to 2 mg/kg (SUB-6). Of note is that the quantification limit for mercury during this analysis was near the NYSDEC TAGM criteria. Although concentrations of 0.12 mg/kg (SUB-5), 0.11 mg/kg (SUB-7), and 0.11 mg/kg (SUB-8) were reported by the analytical laboratory, the concentrations were provided with a "u" qualifier, indicating concentrations below the true detection limit for the analysis.

Also an exceedance of the NYSDEC TAGM criteria was detected for chromium in the soil samples collected from SUB-5, SUB-6, and SUB-8. Concentrations ranged from 21.2 mg/kg (SUB-6) to 743 mg/kg (SUB-5). Additionally, soil sample SUB-5 exhibited concentrations above the NYSDEC TAGM criteria for arsenic, lead, and selenium. The detected concentrations were 19.4 mg/kg for arsenic, 263 mg/kg for lead, and 4.7 mg/kg for selenium.

Soil sample SUB-5 also exhibited concentrations above the NYSDEC TAGM criteria for arsenic, chromium, lead, mercury, and selenium. Reported concentrations were 19.4 mg/kg for arsenic, 743 mg/kg for chromium, 263 mg/kg for lead, 0.12 mg/kg for mercury, and 4.7 mg/kg for selenium.

Soil sample SUB-6 exhibited concentrations above the NYSDEC TAGM criteria for chromium and mercury. Detected concentrations were 21.2 mg/kg for chromium and 2 mg/kg for mercury.

Soil sample SUB-7 exhibited a concentration of 0.11 mg/kg of mercury, above the NYSDEC TAGM criteria.

Soil sample SUB-8 exhibited concentrations above the NYSDEC TAGM criteria for chromium and mercury. Detected concentrations in SUB-8 were 22.7 mg/kg for chromium and 0.11 mg/kg for mercury. A duplicate analysis confirmed the presence of chromium and mercury.

3.5 Groundwater Sampling Results

Groundwater samples were collected from six groundwater monitoring wells, 95MPI-SA-MW32, 95MPI-SA-MW34, 95MPI-SA-MW38, 97MPI-SA-MW39, 98MPI-SA-MW41 and MW-ESE-8, in the Northeast Quadrant of the Siberia Area and from the micro well, 98MPI-SA-MW40, installed in the Southwest Quadrant of the Siberia Area. A summary table of detected compounds for this sampling event are presented in Table 3-8. Laboratory analytical data sheets are provided in Appendix D. Prior to the collection of groundwater samples each well was purged a minimum of three volumes or until the well was purged dry. Monitoring well purge logs are included in Appendix B.

Monitoring wells MW32 (completed in the overburden), MW39 (completed in the weathered bedrock) and MW41 (completed in the competent bedrock) are clustered, as well as monitoring wells MW34 (completed in the competent bedrock) and MW38 (completed in the weathered bedrock). Monitoring well MW-ESE-8 is located approximately 100 feet south or up gradient from the MW34/MW38 monitoring well cluster. The micro well, monitoring well MW40, is located at the southwest corner of the Siberia Area adjacent to the electrical substation. Total detected volatile organic compounds identified from each sample are illustrated on Figure 3-2.

Groundwater samples collected at the MW32/MW39/MW41 cluster identified elevated concentrations of total volatile organic compounds which exceed the NYSDEC Class GA standards. Groundwater samples collected from MW32 which is screened from 2 feet to 8 feet bgs contained 2,485 µg/l of total volatile organic compounds. Monitoring well MW39 which is screened from 11 feet to 14 feet bgs contained 3,966 µg/l of total volatile organic compounds. Groundwater samples collected from 74 feet to 94 feet bgs at MW41 contained 51 µg/l of total volatile organic compounds.

During installation of MW41, groundwater samples were collected from discrete zones by isolating selected intervals with inflatable packers. Inflatable packers were installed so that groundwater samples could be collected from three discrete intervals of: 14 feet to 34 feet bgs, 34 feet to 54 feet bgs, and 54 feet to 74 feet bgs, prior to completing construction of the well. The total reported concentration of volatile organic compounds for each interval was: 4,704 µg/l from 14 feet to 34 feet bgs, 2,710 µg/l from 34 feet to 54 feet bgs, and 64 µg/l from 54 feet to 74 feet bgs.

A groundwater sample was also collected from MW40 which was installed in an area of visibly stained fill materials with heavy black staining and petroleum odors. The sample was analyzed for volatile organic compounds and diesel range organic compounds. The only volatile organic compound detected was tetrachloroethene at an estimated concentration of 1 µg/l. Diesel Range organics were not detected. The results of the analytical sampling are presented in Table 3-9.

Groundwater samples collected from the MW34/MW38 monitoring well cluster located at the edge of the VOC groundwater plume in the Northeast Quadrant, contained detections of two volatile organic compounds. The groundwater sample collected from the shallow monitoring well MW38, screened across the weathered bedrock unit, contained vinyl chloride at a concentration of 0.8 µg/l and 2-butanone at 0.3 µg/l. Bedrock monitoring well MW34 contained an estimated 1 µg/l of vinyl chloride. No other volatile organic compounds were detected.

Groundwater samples collected from MW-ESE-8 contained two volatile organic compounds, vinyl chloride with a concentration of 220 µg/l and cis-1,2-dichloroethene with a concentration of 700 µg/l. Both compounds are daughter products from the degradation of trichloroethene.

A Field Blank (FB-1) was also collected during the September 1997 groundwater sampling event. Chloroform was detected at an estimated 2 µg/l. No other compounds were identified in the field blank sample.

3.6 Results of Groundwater Elevation Assessment

Groundwater elevation measurements confirmed previously reported (July 1995 and April 1996) groundwater flow paths for the Siberia Area. In general, groundwater elevations increased slightly in both the overburden and bedrock units from July 20, 1995 to June 22, 1998. The June 1998 monitoring event confirmed previously reported groundwater divides, vertical hydraulic gradients from the overburden to the bedrock aquifer units, as well as preferential groundwater flow paths influenced by various man-made features (i.e., underground utility trenches). Equipotential contours for bedrock monitoring wells are illustrated on Figure 3-3. Results of groundwater measurements for overburden monitoring wells are presented on Figure 3-4.

3.7 Perfection Plating

The results of the Perfection Plating split sampling activities are presented on Table 3-10 and in Appendix D. The NYSDEC analytical results are presented in Appendix E. The Perfection Plating split sampling activities were completed to act as a check on the samples collected by the NYSDEC during the soil removal action for the Perfection Plating site. Malcolm Pirnie collected duplicate split samples from the NYSDEC from the removal areas within the Watervliet Arsenal property, specifically the Northeast Quadrant adjacent to the eastern fence line. The results of the split samples collected by Malcolm Pirnie generally confirmed the results of the NYSDEC analytical laboratory. As a result of the initial confirmation split sampling the excavation area was expanded to remove additional contaminated materials. All soils which were considered to be contaminated and related to the Perfection Plating site were removed and disposed of off-site by the NYSDEC.

3.8 Sewer Characterization

Excavation activities allowed the collection of detailed construction data of the storm sewer piping. Visual observations as well as analytical results from the collection of

groundwater seeping into the test pits are described below. Test pit locations are identified on Figure 2-2.

Test Pit 1 (TP-1) was excavated approximately 22 feet south of manhole #120. An 18-inch, vitrified clay pipe was encountered. Bedding material consisted of shale fragments and coarse to fine grained fill materials. Typical bedding materials used for installation of sewer pipes (i.e., uniform sands or gravels) were not encountered. Groundwater in the test pit after five hours was encountered at approximately 6 feet below grade. The depth of the test pit was approximately 7.5-8.0 feet below grade. The depth to the crown of the 18-inch pipe was approximately 5.6 feet below grade. Bedrock was not encountered. A groundwater sample was collected from waters entering the open excavation at TP-1. The sample was identified as WVA-SA-ST-1. Laboratory analysis for Diesel Range Organics was conducted; however, all results were reported as non-detect.

TP-2 was excavated approximately 55 feet south of TP-1. The depth of the test pit was approximately 7 feet below grade, the depth at which bedrock was encountered. An 18-inch, vitrified clay pipe was encountered. Bedding materials were the same as those encountered in TP-1. A bell joint was exposed and upon visual inspection it was determined that the joint was not mortared/cemented. Groundwater was encountered (after five hours) at approximately 6.5 feet below grade and was entering the sewer pipe bell joint. The crown of the pipe was encountered at approximately 5.6 feet below grade. The pipe was damaged during excavation and subsequently had to be repaired. When the pit was enlarged (approximately 3 feet to the south) for the repair a 6-inch, vitrified clay pipe was encountered. This pipe was connected to the 18-inch pipe. This 6-inch pipe was not perforated. A groundwater sample was also collected from waters entering the open excavation at TP-2. The sample was identified as WVA-SA-ST-2. Laboratory analysis for Diesel Range Organics was conducted; however, all results were reported as non-detect.

TP-3 was excavated approximately 4 feet south of manhole #116 (located in the northeast corner of the Chip Handling Area). The depth of the pit was approximately 6.8 feet below grade, the depth at which bedrock was encountered. A 24-inch concrete pipe was encountered at a depth of approximately 5.2 feet below grade. After five hours the depth to

groundwater was approximately 6 feet below grade. No bedding material was encountered. No groundwater sample was collected from this test pit. No samples were collected at this location for off-site laboratory analysis.

TP-4 was excavated several feet to the west of monitoring well cluster MPI-SA-32, 39, 41. This test pit was excavated to assess groundwater conditions and type of fill materials in the vicinity of the suspected source area. Bedrock was not encountered at a depth of approximately 4 feet below grade. Groundwater after five hours was encountered at approximately 3.4 feet below grade. A groundwater sample was also collected from waters entering the open excavation at TP-4. The sample was identified as TP-072198. Laboratory analysis for Diesel Range Organics was conducted identifying a concentration of 1,200 µg/l. Laboratory analytical data sheets are provided in Appendix D.

3.9 Building 145

As part of an asbestos removal activity on the south wall of Building 145 a composite soil sample was collected and analyzed for TCLP extractable: volatiles, semi-volatiles and metals. The only detected compound was Barium with a concentration of 0.42 mg/l. Laboratory analytical data sheets are provided in Appendix C.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Soil and Sediment Sampling

Soil samples SS-1 through SS-6 contained several compounds above the NYSDEC TAGM criteria. Primary compounds of concern were SVOCs, although arsenic and lead were also detected above the NYSDEC TAGMs. Sediment samples SED-1, SED-2, SED-8 and SED-10 also contained several SVOC compounds above the NYSDEC TAGM criteria. Sediment samples SED-7 SED-8 and SED-10 contained concentrations of lead and arsenic above the NYSDEC TAGMs. Immunoassay field test kits appear to have generated results which were biased low, thus limiting the confidence of their results.

The extent of the contaminated soils and sediments along the drainage, above the NYSDEC TAGM criteria, will be addressed further during the CMS process for the Siberia Area.

4.2 Groundwater Sampling Event

Following the installation of the new monitoring wells, MW39 and MW41, and the micro well, MW40, groundwater samples were collected from the newly installed wells as well as from selected monitoring wells previously installed in the Northeast Quadrant of the Siberia Area.

4.2.1 Groundwater Monitoring Well Cluster MW32, MW39 and MW41

Groundwater samples collected from monitoring wells MW32 and MW39 confirmed the presence of VOC contaminated groundwater in the overburden and fractured bedrock units at this location. The concentration of total volatile organic compounds in well MW32 has decreased from the 7,384 µg/l in the first round of groundwater sampling (June 1995), to 5,590 µg/l in the second round (April 1996), to 2,486 µg/l during this round of sampling. Results from monitoring well MW39 (3,966 µg/l of total volatile organic compounds) supports the presence of VOC contaminated groundwater in the fractured bedrock at this location.

Groundwater samples collected at different vertical locations during the installation of MW41 confirmed the presence of contaminated groundwater. Concentrations of total volatile organic compounds steadily decreased with depth from 4,704 µg/l at 14 to 34 feet bgs, 2,710 µg/l at 34 to 54 feet bgs, 64 µg/l from 54 to 74 feet bgs, and 51 µg/l from 74 to 94 feet bgs.

Based on these chemical analytical data it is reasonable to assume that the vertical depth of chlorinated organic compound contamination in the bedrock has been established at MW-41. This is most likely the vertical extent of contamination in the bedrock because MW-41 is located in what is believed to be the source area. The areal extent of contamination in the bedrock can be estimated by the analytical results obtained in wells

installed upgradient, side gradient and downgradient of MW-41. Analytical data from bedrock wells MW-22 (20 feet-35 feet bgs), MW-23 (14 feet-29 feet bgs), MW-30 (35 feet-45 feet bgs), MW-34 (12 feet-27.5 feet bgs), ESE-9 (11 feet-16 feet bgs) and DEC-1 (43.75 feet-53.75 feet bgs) were assessed to estimate the lateral extent of contamination in bedrock. Chlorinated organic compounds above the NYSDEC Class GA standard were not detected in any of these wells. Although these wells were not completed to the same depth below grade as MW-41, they are in general, open to the same bedrock intervals as MW-41 which had the highest detection of contaminants (14 feet-34 feet bgs and 34 feet-54 feet bgs). Wells MW-30 and MW-34 can be considered hydraulically downgradient of MW-41.

4.2.2 Micro Well MW40

Groundwater samples collected from MW40 contained no detectable concentrations of volatile organic compounds, with the exception of an estimated 1 µg/l of tetrachlorethene. Also no detectable diesel range organic compounds were detected. Although both soil and groundwater analyzed for this location appeared visually stained and odorous, the analytical methods failed to identify the compounds that appear to be present in these samples.

4.2.3 Groundwater Monitoring Well Cluster MW34 and MW38

Concentrations of total volatile organic compounds were consistent with previous groundwater sampling events conducted at MW 34 and MW38. Both monitoring wells contained approximately 1 µg/l of total volatile organic compounds during this sampling round as well as two previous groundwater sampling rounds. Analytical data collected in September 1997 supports previous groundwater sampling results in the area. This monitoring well cluster appears to be at the distal end of the groundwater plume in both the overburden and bedrock aquifer units. The analytical results for the overburden at this location are also believed to be the result of groundwater being intercepted by the sewer lines directly to the south of this well cluster.

4.2.4 Groundwater Monitoring Well MW-ESE-8

A groundwater sample collected from monitoring well MW-ESE-8 confirmed previously detected concentrations of volatile organic compounds. During the first round of groundwater sampling the total concentration of detected volatile organic compounds was 2130 µg/l. During the second round of groundwater sampling the total concentration of volatile organic compounds detected was 700 µg/l. During the third sampling round (September 1997) the total concentration of volatile organic compounds was 920 µg/l. This confirms the presence of contaminated groundwater at this location, however the concentration has decreased since the initial sampling event.

Groundwater samples collected from MW-ESE-8 contained two volatile organic compounds, vinyl chloride with a concentration of 220 µg/l and cis-1,2-dichloroethene with a concentration of 700 µg/l. Both compounds are products of the degradation of trichloroethene.

5.0 CONCLUSIONS

Based on the collection of additional field data as part of the Corrective Measures Study, the follow conclusions have been reached:

- Analytical results from soil and sediment sampling along the off-site northern perimeter has identified surface soils containing concentrations of PAHs and inorganics above the NYSDEC TAGM.
- The vertical and horizontal extent of contaminated groundwater has been defined within the Siberia Area. Data collected supports the selected remedial alternative of installing a reactive wall pilot treatment system for VOC contaminated groundwater in the overburden and weathered bedrock. Although contamination does exist in bedrock monitoring wells, specifically MW-41, it does not appear, based on these data, that the contamination has extended to the downgradient monitoring wells and or off-site. In addition, it is unlikely that contamination detected in the bedrock would pose a significant threat to human health and the environment. Therefore, no further remedial action in the bedrock unit is warranted at this time. Continued monitoring of bedrock monitoring wells is warranted to detect the presence of VOCs and to track the concentrations over time.

- Soils and sediment immediately off-site along the northern and western fence lines need to be addressed in the CMS. Based on the concentrations detected in the soil and sediment samples, appropriate remedial alternatives need to be evaluated.

- Based on visual observations of the sewer lines along the access roadway, it is apparent that the storm sewer pipe located on the east side of the road in the Northeast Quadrant of Siberia Area is acting as a line sink for groundwater. Although there may be a component of groundwater flow and solute transport along the fill materials encountered around this pipe, the majority of flow and solute transport is into the sewer pipe. The construction of the pipe allows groundwater to infiltrate into the sewer through bell joints that are not mortared or are damaged. Historic water quality results from monitoring wells 95MPI-SA-MW-33 (overburden) and 95MPI-SA-MW-38 (weathered bedrock) installed downgradient of manhole #120 and the storm sewer line detected low (less than 5 µg/l) concentrations of the chlorinated organic compounds detected in the groundwater plume. These results further substantiate the results of the test pits, which indicate contaminants are migrating into the storm sewer and that the storm sewer effects/controls the migration of contaminant plume in the Northeast Quadrant of Siberia Area. Also, analytical results obtained from TP-4 on July 21, 1998 (WVA-SA-TP-072198) further support the installation of the southerly section of the pilot reactive wall in the Northeast Quadrant of Siberia Area. High concentrations of VC (1900 µg/l), DCE (3100 µg/l), TCE (310 µg/l) and PCE (280 µg/l) were detected in the immediate vicinity of the proposed southerly reactive wall. In summary, the storm sewer located in the Northeast Quadrant of Siberia on the eastern edge of the access road is controlling the migration of the groundwater contamination plume through infiltration into the sewer. Permeable bedding materials were not encountered. Therefore, the Reactive Wall, previously identified as Alternative 2 should be installed in the Northeast Quadrant of Siberia Area, except for the 30 foot long polishing reactive wall. The test pit results and chemical analytical data do not justify the installation of the polishing wall. Long-term monitoring of the effectiveness of the reactive walls will be conducted. This will be discussed in the Long-term Monitoring Plan currently being prepared for the Siberia Area.

- Concentrations of VOCs in the wells sampled during this phase of work appears to be declining. No significant increases in concentrations have been detected since 1995.

TABLES

Ta 2-1
Groundwater Elevations in Monitoring Wells
Siberia Area, Watervliet Arsenal

WELL ID	Elevation of Groundwater from MSL (feet)											
	4/21/88	6/12/90	8/9/90	8/13/90	5/9/95	6/1/95*	7/20/95	10/10/95	10/24/95	4/22/96	6/22/98	7/21/98
95-MPI-SA-MW-19	NI	NI	NI	NI	NI	35.91	35.31	39.60	39.62	39.67	39.97	NM
95-MPI-SA-MW-20	NI	NI	NI	NI	NI	39.50	40.40	40.36	40.45	40.10	40.27	NM
95-MPI-SA-MW-21	NI	NI	NI	NI	NI	38.08	38.41	38.55	38.56	38.61	38.72	NM
95-MPI-SA-MW-22	NI	NI	NI	NI	NI	32.60	32.16	32.94	34.42	33.44	33.50	NM
95-MPI-SA-MW-23	NI	NI	NI	NI	NI	42.03	40.04	41.03	41.49	41.26	40.99	40.66
95-MPI-SA-MW-24	NI	NI	NI	NI	NI	44.37	35.18	35.96	37.23	36.38	34.52	NM
95-MPI-SA-MW-25	NI	NI	NI	NI	NI	39.41	39.44	39.99	40.16	40.00	39.98	NM
95-MPI-SA-MW-26	NI	NI	NI	NI	NI	42.56	42.33	42.96	> 43.41	> 43.41	43.11	NM
95-MPI-SA-MW-27	NI	NI	NI	NI	NI	38.73	39.35	39.38	39.70	39.24	39.63	NM
95-MPI-SA-MW-28	NI	NI	NI	NI	NI	38.25	38.41	38.52	38.64	38.44	38.56	NM
95-MPI-SA-MW-29	NI	NI	NI	NI	NI	37.72	38.47	39.12	39.16	39.03	39.06	NM
95-MPI-SA-MW-30	NI	NI	NI	NI	NI	16.04	33.86	34.10	34.61	35.22	35.52	35.07
95-MPI-SA-MW-31	NI	NI	NI	NI	NI	36.19	36.72	36.66	36.73	36.62	36.67	NM
95-MPI-SA-MW-32	NI	NI	NI	NI	NI	39.07	38.04	39.49	39.58	40.28	40.00	39.30
95-MPI-SA-MW-33	NI	NI	NI	NI	NI	33.64	dry	35.03	35.68	35.11	35.25	36.03
95-MPI-SA-MW-34	NI	NI	NI	NI	NI	34.52	32.26	32.38	32.51	32.30	32.48	32.53
95-MPI-SA-MW-35	NI	NI	NI	NI	NI	38.83	39.40	40.53	40.85	40.75	40.65	NM
95-MPI-SA-MW-36	NI	NI	NI	NI	NI	NI	31.53	32.70	34.11	33.17	33.25	NM
95-MPI-SA-MW-37	NI	NI	NI	NI	NI	NI	39.00	39.44	39.56	39.38	39.60	NM
95-MPI-SA-MW-38	NI	NI	NI	NI	NI	NI	NI	NI	NI	32.84	33.06	33.07
MW-ESE-1	NI	38.55	38.74	38.93	38.32	38.55	38.47	38.79	39.13	38.60	38.89	NM
MW-ESE-2	NI	42.45	42.54	42.65	41.84	42.35	41.86	42.52	42.70	42.60	42.78	NM
MW-ESE-3	NI	32.40	32.52	32.83	33.49	33.59	33.07	33.99	35.12	34.27	34.43	NM
MW-ESE-4	NI	31.60	31.27	31.60	31.33	31.09	30.47	31.64	33.69	32.20	32.16	NM
MW-ESE-5	NI	40.72	41.90	41.84	40.58	40.98	40.80	40.75	41.01	40.73	40.93	NM
MW-ESE-6	NI	32.21	31.87	32.19	31.96	31.83	31.07	32.36	34.30	32.80	32.77	NM
MW-ESE-7	NI	34.02	33.63	33.69	33.59	33.47	33.53	33.40	33.50	33.40	33.79	NM
MW-ESE-8	NI	35.67	35.52	35.60	34.57	34.51	34.32	34.72	35.21	35.82	35.78	35.39

Ta 2-1
Groundwater Elevations in Monitoring Wells
Siberia Area, Watervliet Arsenal

WELL ID	Elevation of Groundwater from MSL (feet)											
	4/21/88	6/12/90	8/9/90	8/13/90	5/9/95	6/1/95*	7/20/95	10/10/95	10/24/95	4/22/96	6/22/98	7/21/98
MW-ESE-9	NI	38.10	38.11	38.20	38.19	38.18	37.93	38.27	38.45	38.29	blockage	blockage
DEC-1					-2.02	1.36	dry	-12.17	-10.90	-6.75	4.54	6.22
DEC-2					36.13	36.06	35.65	36.23	36.48	36.36	37.80	36.63
DEC-3					37.43	37.26	36.80	37.57	37.96	37.86	37.90	37.71
MW-EA-5	40.96	41.02	41.44	41.60	40.81	40.97	40.53	41.50	41.74	41.40	41.30	41.68
MW-EA-6	40.11	40.92	40.76	41.14	40.08	39.84	39.86	41.26	41.70	41.45	41.28	40.81
MW-EA-7	40.83	40.97	40.92	41.09	40.87	40.80	40.17	41.17	41.41	41.23	41.23	41.08
MW-EA-8	37.47	37.67	37.34	37.57	37.52	37.38	36.78	37.73	37.95	37.77	37.72	37.77
MW-GTI-1	39.08	39.98	39.88	40.21	39.11	38.98	38.39	39.66	> 40.73	> 40.73	NM	NM
MW-GTI-2	39.45	40.64	40.20	40.78	39.84	39.61	39.59	40.99	41.53	41.26	41.46	NM
MW-GTI-3	31.47	35.15	34.94	35.05	34.61	34.44	34.36	34.59	34.82	34.87	NM	NM
MW-GTI-4	39.62	40.39	39.81	40.24	39.66	39.41	40.42	40.14	40.58	40.57	40.33	NM
97-MPI-SA-MW-39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	39.12	33.48
98-MPI-SA-MW-40	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	40.54	NM
98-MPI-SA-MW-41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	34.23	35.00

Notes:

Water level measurements were measured in feet from the top of the PVC casing unless otherwise noted.

*Water level measurements in the MPI wells were recorded prior to development.

*Depths are from the ground surface for the MPI wells, and from the top of casing for the existing wells.

NI = Not installed

NM = No DTW Measurement Taken

TABLE 3-1
Volatile Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site Location Matrix Units Date Sampled	New York State Cleanup Objective (TAGM) ¹ Concentration (ppb)	WVA-SA TP-03 Soil ug/Kg 9/3/97
Methylene Chloride	800	490 JB
1,2-Dichloroethene (total)	2400	520 J
Trichloroethene	5600	1600 J
Tetrachloroethene	11200	77000

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

TABLE 3-2
Semi-Volatile Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site Location Matrix Units Date Sampled	New York State Cleanup Objective (TAGM) ¹ Concentration ug/Kg	WVA-SA- SS-1 Soil ug/Kg 8/13/97	WVA-SA- SS-1RE Soil ug/Kg 8/13/97	WVA-SA- SS-2 Soil ug/Kg 8/13/97	WVA-SA- SS-2RE Soil ug/Kg 8/13/97	WVA-SA- SS-3 Soil ug/Kg 8/13/97	WVA-SA- SS-4 Soil ug/Kg 8/13/97	WVA-SA- SS-5 Soil ug/Kg 8/13/97
Naphthalene	104000	29 J	51 J	50 J	85 J	65 J	130 J	25 J
Phenol	240	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	328000	22 J	58 J	20 J	57 J	80 J	440 J	98 J
Acenaphthene	50000	58 J	53 J	70 J	76 J	130 J	360 J	56 J
Diethylphthalate	56800	ND	ND	ND	ND	12 J	ND	ND
Fluorene	50000	53 J	69 J	73 J	77 J	100 J	300 J	54 J
Phenanthrene	50000	940	880	1100	980	1200	3300	680
Anthracene	50000	190 J	210 J	240 J	270 J	310 J	1000 J	200 J
Fluoranthene	50000	1400	1300	1500	1600	2200	6600	1400
Pyrene	50000	1900	1300	2300	1400	2100	5500	1200
Butylbenzylphthalate	50000	ND	ND	97 J	65 J	44 J	ND	18 J
Benzo(a)anthracene	224	700	710	790	780	210	600	720
Chrysene	50000	990	840	1200	1000	1700	4400	980
bis(2-Ethylhexyl)phthalate	50000	84 J	76 J	670	520	180 J	340 J	86 J
Benzo(b)fluoranthene	8800	880	1000	1100	1200	1900	3700	910
Benzo(K)fluoranthene	8800	1500	800	1900	1000	1300	2600	950
Benzo(a)pyrene	61	700	700	860				
Indeno(1,2,3-cd)pyrene	25600	300 J	120 J	340 J	140 J	410 J	1900 J	280 J
Dibenzo(a,h)anthracene	14	30	ND	ND	34 J	ND	ND	ND
Benzo(g,h,i)perylene	50000	290 J	90 J	340 J	93 J	290 J	1700 J	220 J
Hexachlorobutadiene	50000	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

¹ = TAGM Clean-up Objective adjusted for site specific total organic carbon.

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

TABLE 3-2
Semi-Volatile Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site Location Matrix Units Date Sampled	New York State Cleanup Objective (TAGM) ¹ Concentration ug/Kg	WVA-SA- SS-6 Soil ug/Kg 8/13/97	WVA-SA- SS-7 Soil ug/Kg 8/13/97	WVA-SA- SED-1 Soil ug/Kg 8/13/97	WVA-SA- SED-2 Soil ug/Kg 8/13/97	WVA-SA- SED-7 Soil ug/Kg 8/13/97	WVA-SA- SED-8 Soil ug/Kg 8/13/97	WVA-SA- SED-8RE Soil ug/Kg 8/13/97
Naphthalene	104000	26 J	19 J	96 J	130 J	24 J	ND	ND
Phenol	240	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	328000	68 J	59 J	1300	2600	22 J	28 J	37 J
Acenaphthene	50000	31 J	25 J	84 J	150 J	ND	ND	21 J
Diethylphthalate	56800	14 J	11 J	ND	ND	ND	ND	ND
Fluorene	50000	40 J	30 J	100 J	880 J	17 J	ND	26 J
Phenanthrene	50000	480	370 J	1100	5400	210 J	300 J	290 J
Anthracene	50000	140 J	96 J	1100	2900	46 J	66 J	69 J
Fluoranthene	50000	900	750	4300	8200	410 J	910	840
Pyrene	50000	760	600	4000	6400	320 J	660	650
Butylbenzylphthalate	50000	ND	ND	ND	ND	ND	ND	13 J
Benzo(a)anthracene	224	420	340	2600	5000	180	400	390
Chrysene	50000	560	470	3800	5600	260 J	640	610
bis(2-Ethylhexyl)phthalate	50000	70 J	140 J	99 J	ND	22 J	47 J	57 J
Benzo(b)fluoranthene	8800	430 J	320 J	4100	4700	190 J	530 J	520 J
Benzo(k)fluoranthene	8800	30 J	ND	3200	5900	ND	ND	ND
Benzo(a)pyrene	61	110 J	940 J	2800	1900	190	330	350
Indeno(1,2,3-cd)pyrene	25600	120 J	160 J	1500	1500 J	130 J	330 J	220 J
Dibenzo(a,h)anthracene	14	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	50000	100 J	140 J	1200	1100 J	130 J	360 J	200 J
Hexachlorobutadiene	50000	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

¹ = TAGM Clean-up Objective adjusted for site

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

TABLE 3-2
Semi-Volatile Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site Location Matrix Units Date Sampled	New York State Cleanup Objective (TAGM) ¹ Concentration ug/Kg	WVA-SA- SED-9 Soil ug/Kg 8/13/97	WVA-SA- SED-10 Soil ug/Kg 8/13/97	WVA-SA- TP-3 Soil ug/Kg 9/3/97	WVA-SA- FB-1 Aqueous ug/L 9/3/97
Naphthalene	104000	ND	23 J	26 J	ND
Phenol	240	ND	360	ND	ND
Acenaphthylene	328000	13 J	120 J	33 J	ND
Acenaphthene	50000	U	26 J	22 J	ND
Diethylphthalate	56800	14 J	ND	30 JB	0.4 J
Fluorene	50000	ND	ND	49 J	ND
Phenanthrene	50000	140 J	520 J	200 J	ND
Anthracene	50000	34 J	260 J	76 J	ND
Fluoranthene	50000	340 J	2400	280 J	ND
Pyrene	50000	280 J	2400	320 J	ND
Butylbenzylphthalate	50000	ND	ND	ND	ND
Benzo(a)anthracene	224	160 J	1500	170	ND
Chrysene	50000	240 J	1800	180 J	ND
bis(2-Ethylhexyl)phthalate	50000	190 J	80 J	72 JB	0.4 JB
Benzo(b)fluoranthene	8800	180 J	1100	230 J	ND
Benzo(K)fluoranthene	8800	ND	980	ND	ND
Benzo(a)pyrene	61	130	650	100	ND
Indeno(1,2,3-cd)pyrene	25600	130 J	650 J	100 J	ND
Dibenzo(a,h)anthracene	14	ND	ND	ND	ND
Benzo(g,h,i)perylene	50000	150 J	580 J	110 J	ND
Hexachlorobutadiene	50000	ND	ND	120 J	ND
Diesel Range Organics	N/A	N/A	N/A	26000	N/A

Notes:

¹ = TAGM Clean-up Objective adjusted for site

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

TABLE 3-3
Inorganic Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site	New York State	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-
Location	Cleanup Objective	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7
Matrix	(TAGM) ¹	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	Concentration	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Sampled	mg/Kg	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97
Arsenic	10.5	80.6	35.8	21.6	55.8	104	67.7	72.4
Lead	185.5	388	350	373	386	1130	408	376

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

ND = Non-detect

TABLE 3-3
Inorganic Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site Location Matrix Units Date Sampled	New York State Cleanup Objective (TAGM) ¹ Concentration mg/Kg	WVA-SA- SED-7 Soil mg/Kg 8/13/97	WVA-SA- SED-8 Soil mg/Kg 8/13/97	WVA-SA- SED-9 Soil mg/Kg 8/13/97	WVA-SA- SED-10 Soil mg/Kg 8/13/97	WVA-SA- FB-1 Aqueous ug/L 8/13/97
Arsenic	10.5	24.4	10.7	9.7	12.8	ND
Lead	185.5	320	190	67.4	173	ND

Notes:

¹ = TAGM Cleanup Objective adjusted for

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

ND = Non-detect

TABLE 3-4
PCB Concentrations in Soil Samples
Siberia Area
Corrective Measures Study
Watervliet Arsenal

Site	New York State	WVA-SA-
Location	Cleanup Objective	TP-03
Matrix	(TAGM) ¹	Soil
Units	Concentration	ug/Kg
Date Sampled	ug/Kg	9/3/97
Aroclor-1254	***	76
Aroclor-1260	***	150

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

N/A = Not Applicable

ND = Not Detected

J = Estimated Concentration

B = Analyte also detected in blank

TABLE 3-5
PAH Immunoassay Results in Sediment Samples
Siberia Area, Watervliet Arsenal
Watervliet, New York
(Results in ppm)

Calibration		
Negative Control	1.42	1.41
5 ppm Calibration	1.19	1.17
25 ppm Calibration	0.77	0.74
125 ppm Calibration	0.39	0.38
Results		
SED-1	1.56	1.54
SED-2	0.99	0.99
SED-3	1.32	1.29
SED-4	1.4	1.38
SED-5	1.47	1.44
SED-6	1.44	1.4

TA 3-6a
Semi-Volatile Concentrations from Excavation Sidewalls at Electrical Substation
(EA Laboratories, Inc.)
Siberia Area, Watervliet Arsenal

Sample Site Sample Location Matrix Date Sampled Units	New York State Cleanup Objective (TAGM) ¹ Concentration ug/Kg	WVA-SA SUB-1-0-0.5 Soil 12/4/97 ug/Kg	WVA-SA SUB-1-2-2.5 Soil 12/4/97 ug/Kg	WVA-SA SUB-2-0-0.5 Soil 12/4/97 ug/Kg	WVA-SA SUB-2-2-2.5 Soil 12/4/97 ug/Kg	WVA-SA SUB-3-0-0.5 Soil 12/4/97 ug/Kg
Naphthalene	104000	ND	ND	260	ND	ND
2-Methylnaphthalene	291200	ND	ND	520	ND	ND
Acenaphthylene	328000	140	ND	ND	ND	ND
Acenaphthene	50000	350	530	ND	ND	ND
Diethylphthalate	56800	ND	ND	ND	ND	ND
Fluorene	50000	330	390	ND	ND	ND
Phenanthrene	50000	3100	300	270	210	ND
Anthracene	50000	1100	350	ND	ND	ND
Fluoranthene	50000	3700	600	310	870	ND
Pyrene	50000	5800 E	520	460	1200	320
Benzo(a)anthracene	224	3500	360	280	870	140
Chrysene	50000	3000	480	260	700	160
bis(2-Ethylhexyl)phthalate	50000	ND	ND	ND	9000 E	ND
Benzo(b)fluoranthene	8800	4300	720	440	960	210
Benzo(k)fluoranthene	8800	1700	210	120	350	ND
Benzo(a)pyrene	61	3300	510	290	720	160
Indeno(1,2,3-cd)pyrene	25600	1700	310	210	430	150
Dibenzo(a,h)anthracene	14	530	ND	ND	ND	ND
Benzo(g,h,i)perylene	50000	1800	440	310	470	180
Dibenzofuran	49600	200	ND	ND	ND	ND
N-Nitrosodiphenylamine	—	ND	ND	ND	ND	ND

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

ND = non-detect

E = concentrations exceed calibration range of instrument

D = concentrations reported from secondary dilution analysis

TA 3-6a

**Semi-Volatile Concentrations from Excavation Sidewalls at Electrical Substation
(EA Laboratories, Inc.)
Siberia Area, Watervliet Arsenal**

Sample Site	New York State	WVA-SA	WVA-SA	WVA-SA	WVA-SA
Sample Location	Cleanup Objective	SUB-3-1-1.5	SUB-4-0-0.5	SUB-4-1.5-2 RE	SUB-4-1.5-2 DUP RE
Matrix	(TAGM) ¹	Soil	Soil	Soil	Soil
Date Sampled	Concentration	12/4/97	12/4/97	12/4/97	12/4/97
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Naphthalene	104000	180	1400	12000 E	15000 D
2-Methylnaphthalene	291200	160	650	12000 E	16000 D
Acenaphthylene	328000	ND	240	1200	ND
Acenaphthene	50000	ND	830	4900	5800 D
Diethylphthalate	56800	ND	ND	ND	ND
Fluorene	50000	360	1200	8100	9500 D
Phenanthrene	50000	310	6500 E	32000 E	42000 D
Anthracene	50000	ND	1900	12000 E	11000 D
Fluoranthene	50000	230	7800 E	11000 E	29000 D
Pyrene	50000	540	13000	24000 E	23000 D
Benzo(a)anthracene	224	230	6800 E	11000 E	11000 D
Chrysene	50000	530	6400 E	12000 E	12000 D
bis(2-Ethylhexyl)phthalate	50000	ND	ND	600	ND
Benzo(b)fluoranthene	8800	470	10000 E	10000 E	11000 D
Benzo(k)fluoranthene	8800	120	2500	3900	4600 D
Benzo(a)pyrene	61	420	7500 E	8600	9300 D
Indeno(1,2,3-cd)pyrene	25600	280	5000 E	7700	6100 D
Dibenzo(a,h)anthracene	14	ND	1500	760	ND
Benzo(g,h,i)perylene	50000	330	6100 E	7300	6200 D
Dibenzofuran	49600	280	1000	6200	6300 D
N-Nitrosodiphenylamine	-	ND	ND	970	ND

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific

ND = non-detect

E = concentrations exceed calibration range of instr

D = concentrations reported from secondary dilution.

TAI 3-6b

**Semi-Volatile Concentrations from Excavation Sidewalls at Electrical Substation
(AEN Laboratories, Inc.)
Siberia Area, Watervliet Arsenal**

Sample Site	New York State	WVA-SA	WVA-SA	WVA-SA	WVA-SA	WVA-SA
Sample Location	Cleanup Objective	SUB-5	SUB-6 RE	SUB-7	SUB-8	SUB-8D
Matrix	(TAGM) ¹	Soil	Soil	Soil	Soil	Soil
Date Sampled	Concentration	1/6/98	1/6/98	1/6/98	1/6/98	1/6/98
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Naphthalene	104000	50000	ND	ND	ND	ND
2-Methylnaphthalene	291200	27000	ND	ND	ND	ND
Acenaphthylene	328000	3000 J	ND	ND	28 J	ND
Acenaphthene	50000	21000	ND	ND	ND	ND
Fluorene	50000	40000	ND	ND	ND	ND
Phenanthrene	50000	140000	150 J	40 J	160 J	130 J
Anthracene	50000	40000	110 J	6 J	65 J	26 J
Fluoranthene	50000	91000	180 J	45 J	430	120 J
Pyrene	50000	81000	680	42 J	650	120 J
Benzo(a)anthracene	224	32000	350	20 J	320	59 J
Chrysene	50000	33000	360 J	30 J	400	110 J
bis(2-Ethylhexyl)phthalate	50000	ND	ND	44 J	ND	70 J
Benzo(b)fluoranthene	8800	16000 J	620	ND	510	57 J
Benzo(k)fluoranthene	8800	23000	390 J	ND	420	58 J
Benzo(a)pyrene	61	22000	450	ND	500	63 J
Indeno(1,2,3-cd)pyrene	25600	14000 J	ND	ND	530	54 J
Dibenzo(a,h)anthracene	14	4800 J	ND	ND	180 J	ND
Benzo(g,h,i)perylene	50000	16000 J	ND	ND	640	63 J

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

* WVA-SA-SUB-6 RE - Re-analysis of SUB-6 due to matrix interference on the initial analysis.

ND = non-detect

J = estimated concentration

TA : 3-7

**Inorganic Concentrations from Excavation Sidewalls at Electrical Substation
Siberia Area, Watervliet Arsenal**

Sample Site	New York State	WVA-SA	WVA-SA	WVA-SA	WVA-SA	WVA-SA
Sample Location	Cleanup Objective	SUB-5	SUB-6	SUB-7	SUB-8	SUB-8D
Matrix	(TAGM) ¹	Soil	Soil	Soil	Soil	Soil
Date Sampled	Concentration	1/6/98	1/6/98	1/6/98	1/6/98	1/6/98
Units	ug/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Arsenic	10.5	19.4 N	10.4 N	9.4 N	7.2 N	9.8 N
Barium	300	133	147	119	144	151
Cadmium	1	0.23 UN	0.22 UN	0.24 UN	0.22 UN	0.23 UN
Chromium	20.73	743	21.2	18	22.7	32.2
Lead	185.5	263	84.9	36.8	30	58.4
Mercury	0.1	0.12 U	2	0.11 U	0.11 U	0.12
Selenium	3.1	4.7	2.1	2.5	2	2.3
Silver	ND	0.24 B	0.22 U	0.24 U	0.22 U	0.23 U

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

Sample analysis performed by AEN Laboratories, Inc.

U - Indicated compound analyzed for but not detected. The quantitation limit is corrected for dilutions and for moisture content.

The number given is the minimum detection limit for the sample

N - Indicates presumptive evidence of a compound.

TA 3-8
Volatile Concentrations in Monitoring Well Groundwater Samples
Siberia Area
Watervliet Arsenal

Site	USEPA	NYSDOH	NYSDEC	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-
Location	Maximum	Maximum	Class GA	MW32	MW34	MW38	MW39	MW-ESE-8	FB-1
Matrix	Contaminant	Contaminant	Groundwater	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Units	Level	Level	Standards	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date Sampled	ug/L	ug/L	ug/L	9/3/97	9/3/97	9/3/97	9/3/97	9/3/97	9/3/97
Bromomethane	--	5	5	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	2	2	540	1 J	0.8 J	1700	220	ND
Carbon Disulfide	--	50		ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	--	5	5	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	70	5	5	1800	ND	ND	2100 J	700	ND
Chloroform	100	100	7	ND	ND	ND	ND	ND	2 J
2-Butanone	--	50	5	ND	ND	0.3 J	ND	ND	ND
1,1,1-Trichloroethane	200	5	5	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	5	100	ND	ND	45 J	ND	ND
Tetrachloroethene	5	5	5	10 J	ND	ND	78 J	ND	ND
Xylene (total)	10000	5	5	25 J	ND	ND	ND	ND	ND
1,1-Dichloroethene	7	5	5	ND	ND	ND	9 J	ND	ND
trans-1,2-Dichloroethene	100	5	5	ND	ND	ND	14 J	ND	ND
Benzene	5	5	0.7	ND	ND	ND	20	ND	ND
Toluene	1000	5	5	10 J	ND	ND	ND	ND	ND
Ethylbenzene	700	5	5	ND	ND	ND	ND	ND	ND
Diesel Range Organics	--	--	--	NS	NS	NS	NS	NS	NS

Notes:

ND = Not Detected

NS = Not Sampled

J = Estimated Value

T: 3-8
Volatile Concentrations in Monitoring Well Groundwater Samples
Siberia Area
Watervliet Arsenal

Site	USEPA	NYSDOH	NYSDEC	WVA-SA-	WVA-SA-	WVA-SA-	WVA-SA-
Location	Maximum	Maximum	Class GA	MW41 (14'-34')	MW41 (34'-54')	MW41 (54'-74')	MW41 (74'-94')
Matrix	Contaminant	Contaminant	Groundwater	Aqueous	Aqueous	Aqueous	Aqueous
Units	Level	Level	Standards	ug/l	ug/l	ug/l	ug/l
Date Sampled	ug/L	ug/L	ug/L	3/26/98	3/31/98	4/2/98	6/27/98
Vinyl Chloride	2	2	2	2400	340	ND	19
cis-1,2-Dichloroethene	70	5	5	950	1300	50	ND
Chloroform	100	100	7	88	ND	ND	ND
Trichloroethene	5	5	5	140	900	1.1	ND
Tetrachloroethene	5	5	5	1100	170	1.7	ND
1,1-Dichloroethene	7	5	5	5	ND	ND	ND
trans-1,2-Dichloroethene	100	5	5	4.9	ND	ND	ND
Benzene	5	5	0.7	11	ND	ND	ND
1,2,4-Trimethylbenzene	-	5	5	3.5	ND	ND	ND
1,3,5-Trimethylbenzene	-	5	5	1.7	ND	ND	ND
Acetone	-	50	50	ND	ND	ND	10 B
Methylene Chloride	5	5	5	ND	ND	ND	13
1,2-Dichloroethene	7	5	5	ND	ND	ND	9
Diesel Range Organics	-	-	-	1.7	NS	NS	NS

Notes:

ND = Not Detected

NS = Not Sampled

B = Present in Sample Blank

TABLE 3-9
Volatile and Diesel Range Organics Concentrations in 98MPI-SA-MW40
SIBERIA AREA, WATERVLIET ARSENAL
WATERVLIET, NY

Site	USEPA	NYSDOH	NYSDEC	WVA-SA
Location	Maximum	Maximum	Class GA	98MPI-SA-MW40
Matrix	Contaminant	Contaminant	Groundwater	aqueous
Units	Level	Level	Standards	ug/L
Date Sampled	ug/L	ug/L	ug/L	03/11/98
Tetrachloroethene	5	5	5	1 J
Diesel Range Organics	-	-	-	ND

Note:

Visual Observations 98MPI-SA-MW40 core - heavy black staining and petroleum odor 0-4'
slight odor at ~ 9'

Table 5-10
Inorganic Concentrations From Perfectionn Plating Split Sampling
Siberia Area, Watervliet Arsenal

Sample ID Lab Sample ID Date Sampled Units	New York State Cleanup Objective (TAGM) ¹ Concentration (mg/Kg)	BA-PER-1-0.25 980243A-01 01/30/98 mg/Kg	SBA-PER-2-0.5 980243A-02 01/30/98 mg/Kg	SBA-PER-2-0.5D 980243A-03 01/30/98 mg/Kg	SB-FB-1 980243A-04 01/30/98 ug/L	SBA-PER-32-3 980333A-01 2/11/98 mg/kg	SBA-PER-34-3 980333A-02 2/11/98 mg/kg	SBA-PER-A 980333A-03 2/11/98 mg/kg
Arsenic	10.5	3.8	10.5	6.7	2.0 U	17.3	4.9	3.5
Barium	300	73.2	145	148	1.0 U	164	72.1	80.4
Cadmium	1	0.30 U	1.8	0.23 U	1.1 B	0.24 UN	0.25 UN	0.27 UN
Chromium	20.73	18.8	37.4	21.1	1.0 U	24.7	9.0	9.5
Lead	185.5	61.1	176	125	1.0 U	180	17.1	19.0
Mercury	0.1	0.094 UN	0.32 N	0.11 N	0.35	0.12 UN	0.11 U	0.13 UN
Selenium	3.1	1.8 N	2.2 N	1.8 N	2.0 U	1.5	1.2 B	1.4
Silver	ND	0.30 U	0.56 B	0.26 B	1.0 U	0.51 B	0.25 U	0.27 U

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

Sample analysis performed by AEN Laboratories, Inc.

U - Indicated compound analyzed for but not detected.

The quantitation limit is corrected for dilutions and for moisture content.

The number given is the minimum detection limit for the sample

N - Indicates presumptive evidence of a compound.

Ta. 5-10
Inorganic Concentrations From Perfection Plating Split Sampling
Siberia Area, Watervliet Arsenal

Sample ID Lab Sample ID Date Sampled Units	New York State Cleanup Objective (TAGM) ¹ Concentration (mg/Kg)	SBA-PER-3-1 980810A-01 04/09/98 mg/Kg	SBA-PER-4-1 980810A-03 04/09/98 mg/Kg	SBA-PER-5-0.5 980810A-02 04/09/98 mg/Kg
Arsenic	10.5	23.4	6.6	6.5
Barium	300	108	101	154
Cadmium	1	.24	.23	.31
Chromium	20.73	27.5	3.7	22.9
Lead	185.5	816	116	106
Mercury	0.1	.13	.19	.88
Selenium	3.1	1.7	.46	1.4
Silver	ND	1.2	.23	.24

Notes:

¹ = TAGM Cleanup Objective adjusted for site specific total organic carbon.

Sample analysis performed by AEN Laboratories, Inc.

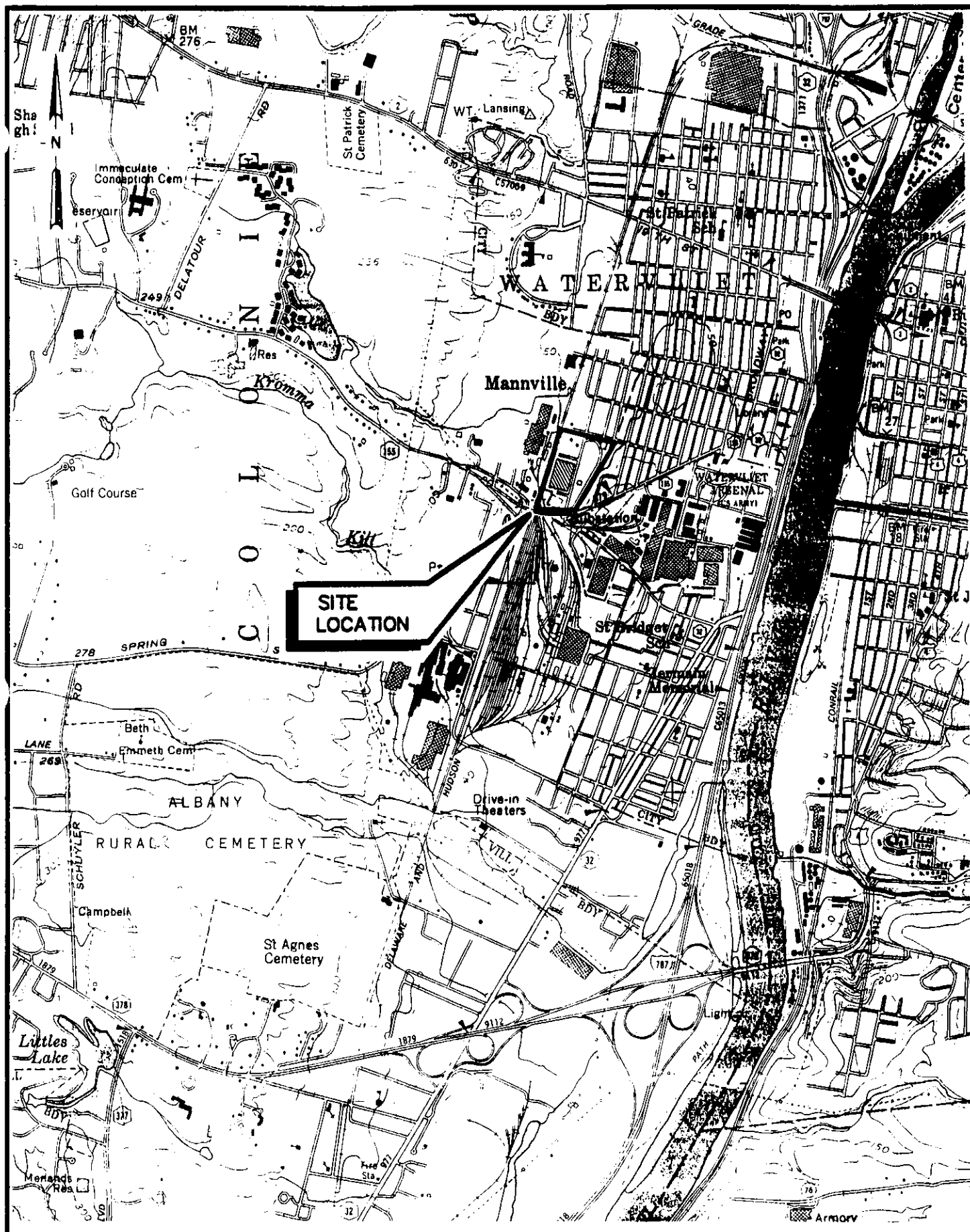
U - Indicated compound analyzed for but not detected.

The quantitation limit is corrected for dilutions and for moisture content.

The number given is the minimum detection limit for the sample

N - Indicates presumptive evidence of a compound.

FIGURES



US Army Corps
of Engineers

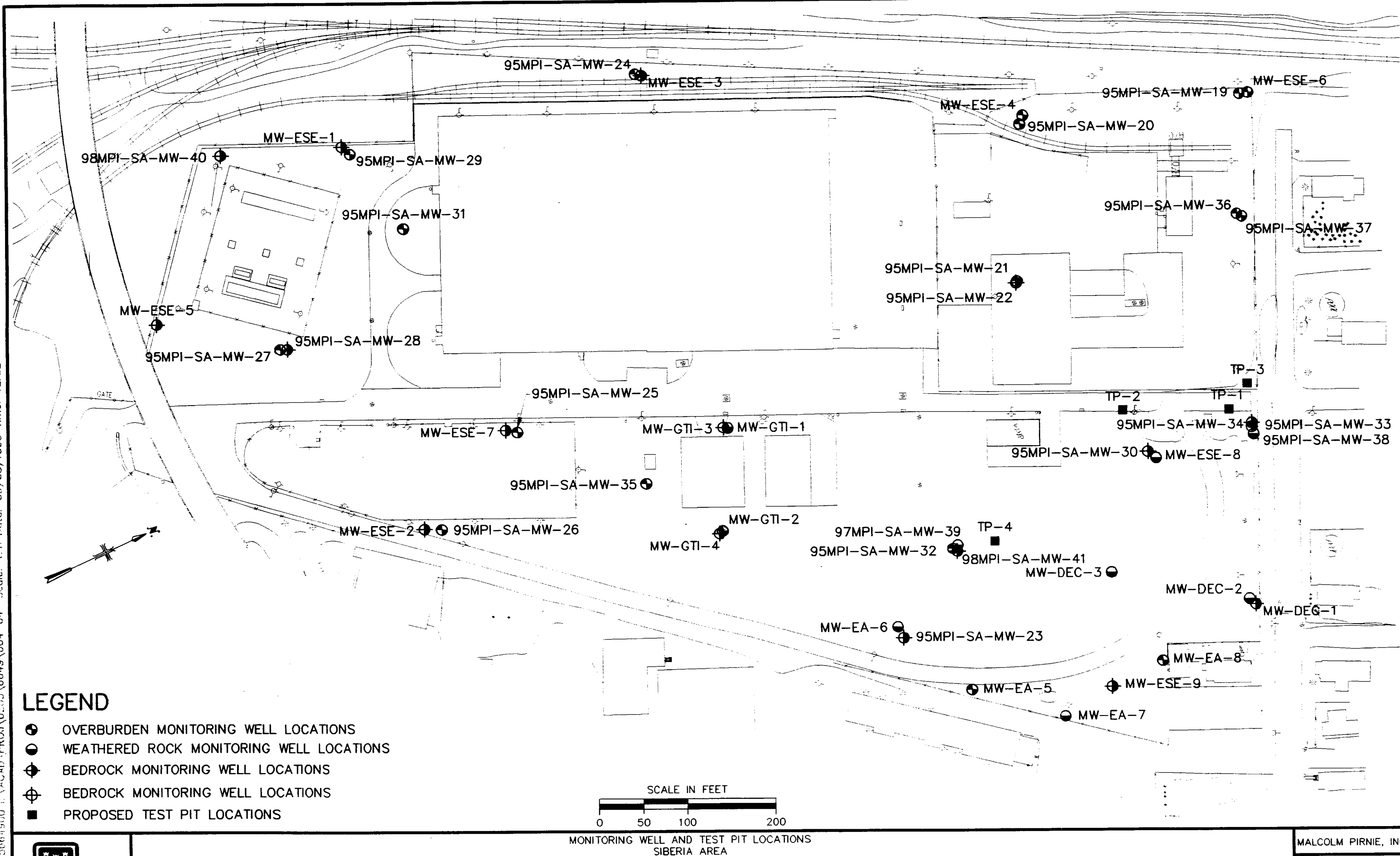
SIBERIA AREA
SITE LOCATION MAP

WATERVLIET ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

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FIGURE 1-1

\\026\c25664900\1\ACAD\PROJ\0205\6649\6649-04 Scale: 1:1 Date: 09/08/1998 Time: 12:02



LEGEND

-  OVERBURDEN MONITORING WELL LOCATIONS
 WEATHERED ROCK MONITORING WELL LOCATIONS
 BEDROCK MONITORING WELL LOCATIONS
 BEDROCK MONITORING WELL LOCATIONS
 PROPOSED TEST PIT LOCATIONS



US Army Corps
of Engineers

SCALE IN FEET

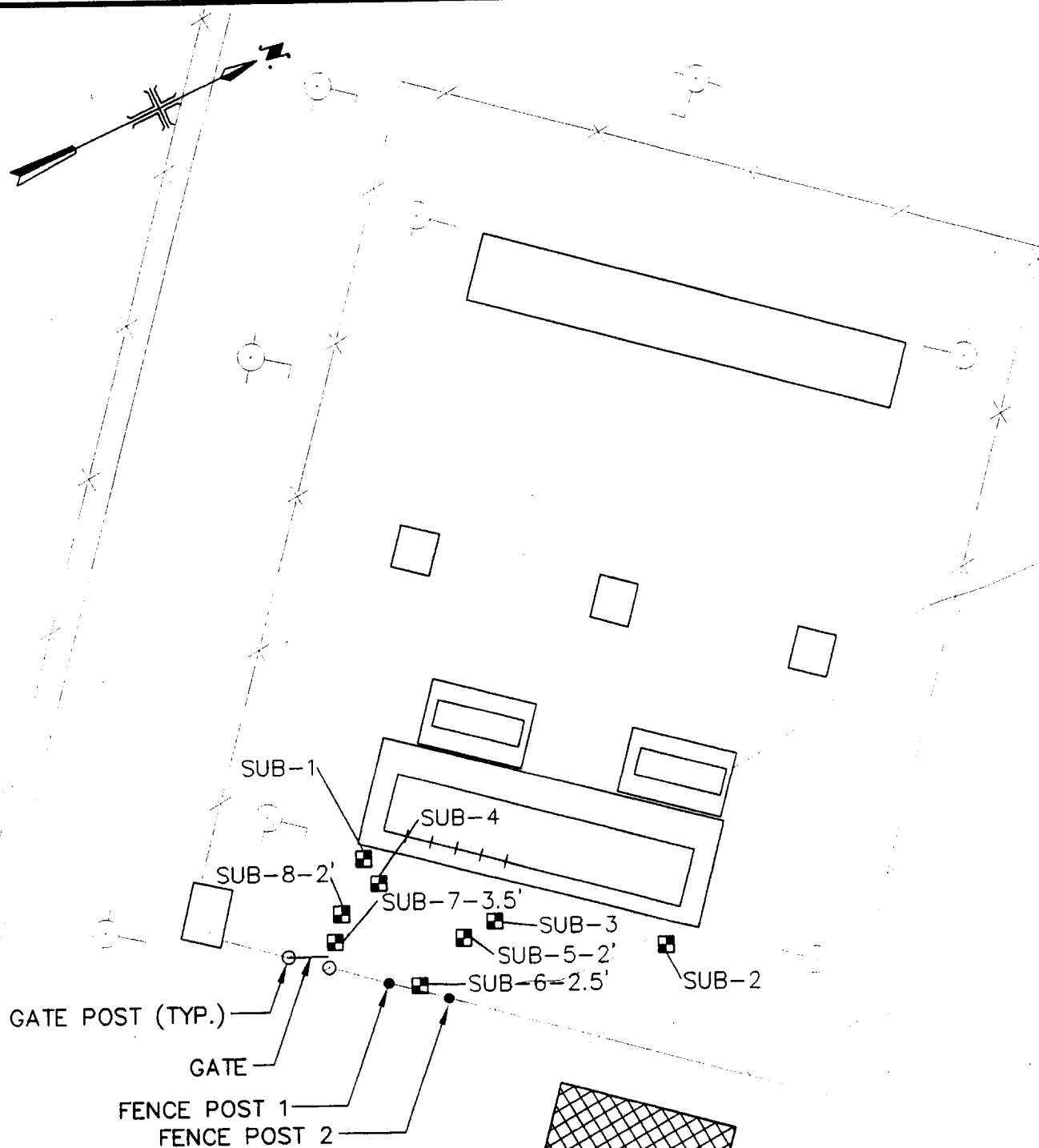


0 50 100 200

WATERVLIT ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

MALCOLM PIRNIE, INC.

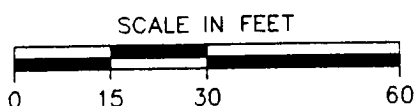
FIGURE 2-2



LEGEND

■ APPROXIMATE SAMPLE LOCATION

-APPROXIMATE LOCATION
OF STOCKPILE



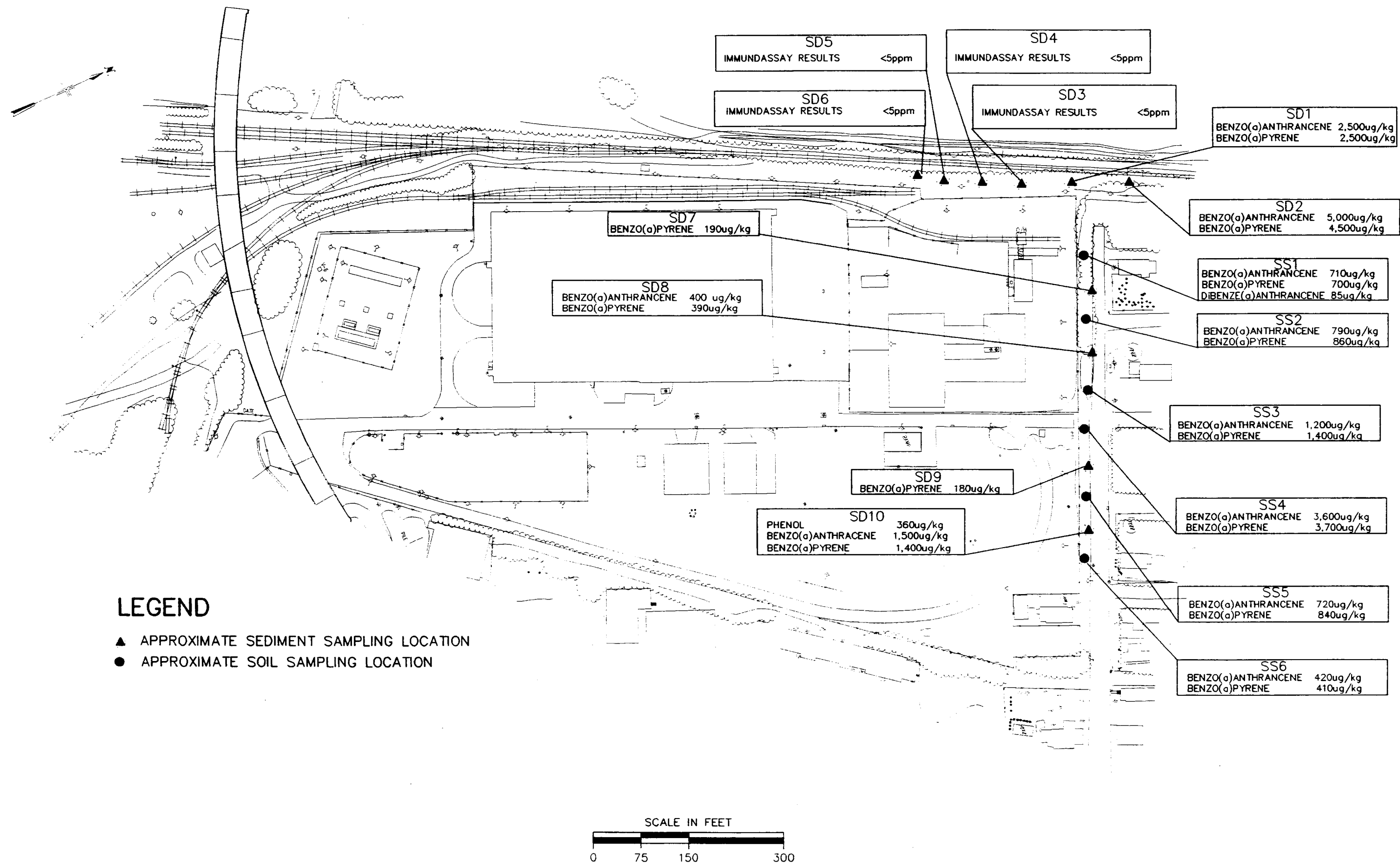
US Army Corps
of Engineers

SIBERIA AREA
ELECTRICAL SUBSTATION SAMPLING LOCATIONS
WATERVLIEET ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

MALCOLM PIRNIE, INC.

FIGURE 2-3

U:\566196\1\ACAD\PROJ\0285\8649\B649-76 5.dwg 1:1 Date: 09/05/1998 Time: 13:52



CMS SAMPLING LOCATIONS
SIBERIA AREA
SOIL AND SEDIMENT ANALYTICAL RESULTS
WATERVLIET ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

MALCOLM PIRNIE, INC.
FIGURE 3-1

S:\3-6643\001\ACAD\FRONT\0225\6649\664-03 Scale: 1:11 Date: 09/08/1998 Time: 11:46

MW 40	
SCREENED INTERVAL 4' - 9' bgs	
TOTAL VOCs	1

MW 32	
SCREENED INTERVAL 2' - 8' bgs	
TOTAL VOCs	2485

MW 39	
SCREENED INTERVAL 11' - 14' bgs	
TOTAL VOCs	3966

MW 34	
SCREENED INTERVAL 12' - 27.5' bgs	
TOTAL VOCs	1

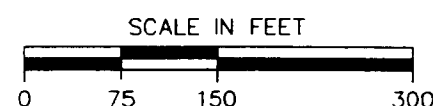
MW 38	
SCREENED INTERVAL 7.5' - 12' bgs	
TOTAL VOCs	1

MW - ESE 8	
SCREENED INTERVAL 5' - 13.5' bgs	
TOTAL VOCs	920

MW - 41				
SCREENED INTERVAL 74' - 94' bgs				
DEPTH	14'-34'	34'-54'	54'-74'	74'-94'
TOTAL VOCs	4700	2710	64	41

LEGEND

- OVERBURDEN MONITORING WELL LOCATIONS
- WEATHERED ROCK MONITORING WELL LOCATIONS
- ⊕ BEDROCK MONITORING WELL LOCATIONS
- ⊕ BEDROCK MONITORING WELL LOCATIONS



VOLATILE CONCENTRATIONS IN SELECTED MONITORING WELL GROUNDWATER SAMPLES
SIBERIA AREA

WATERVLIT ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

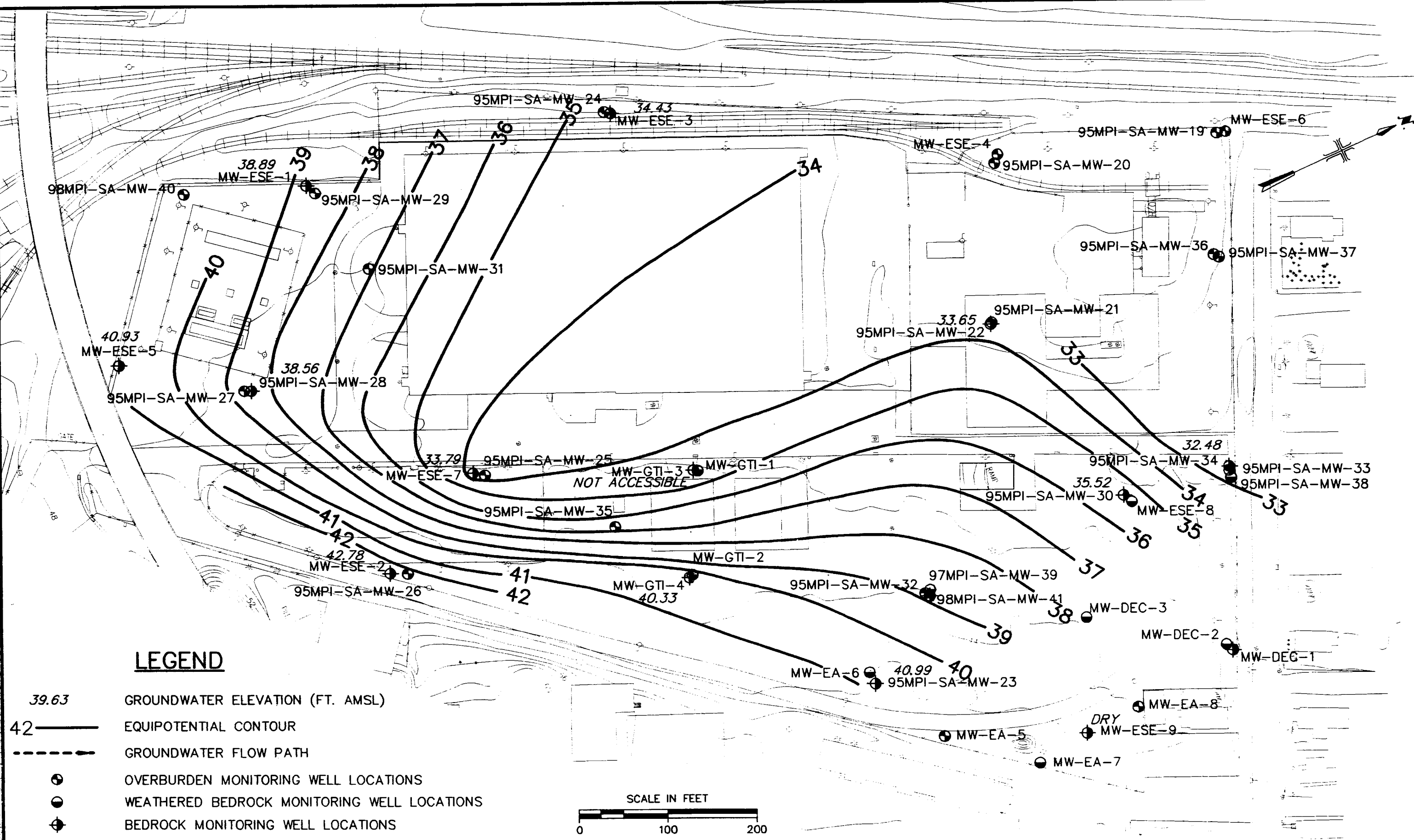


US Army Corps
of Engineers

MALCOLM PIRNIE, INC.

FIGURE 3-2

3024 GROUNDWATER 5579 5072-99 Scale: 1 inch Date: 09/08/1998 Time: 12:16



LEGEND

- 39.63 GROUNDWATER ELEVATION (FT. AMSL)
- 42 ——— EQUIPOTENTIAL CONTOUR
- - - - - GROUNDWATER FLOW PATH
- OVERBURDEN MONITORING WELL LOCATIONS
- WEATHERED BEDROCK MONITORING WELL LOCATIONS
- ⊙ BEDROCK MONITORING WELL LOCATIONS

SCALE IN FEET
0 100 200



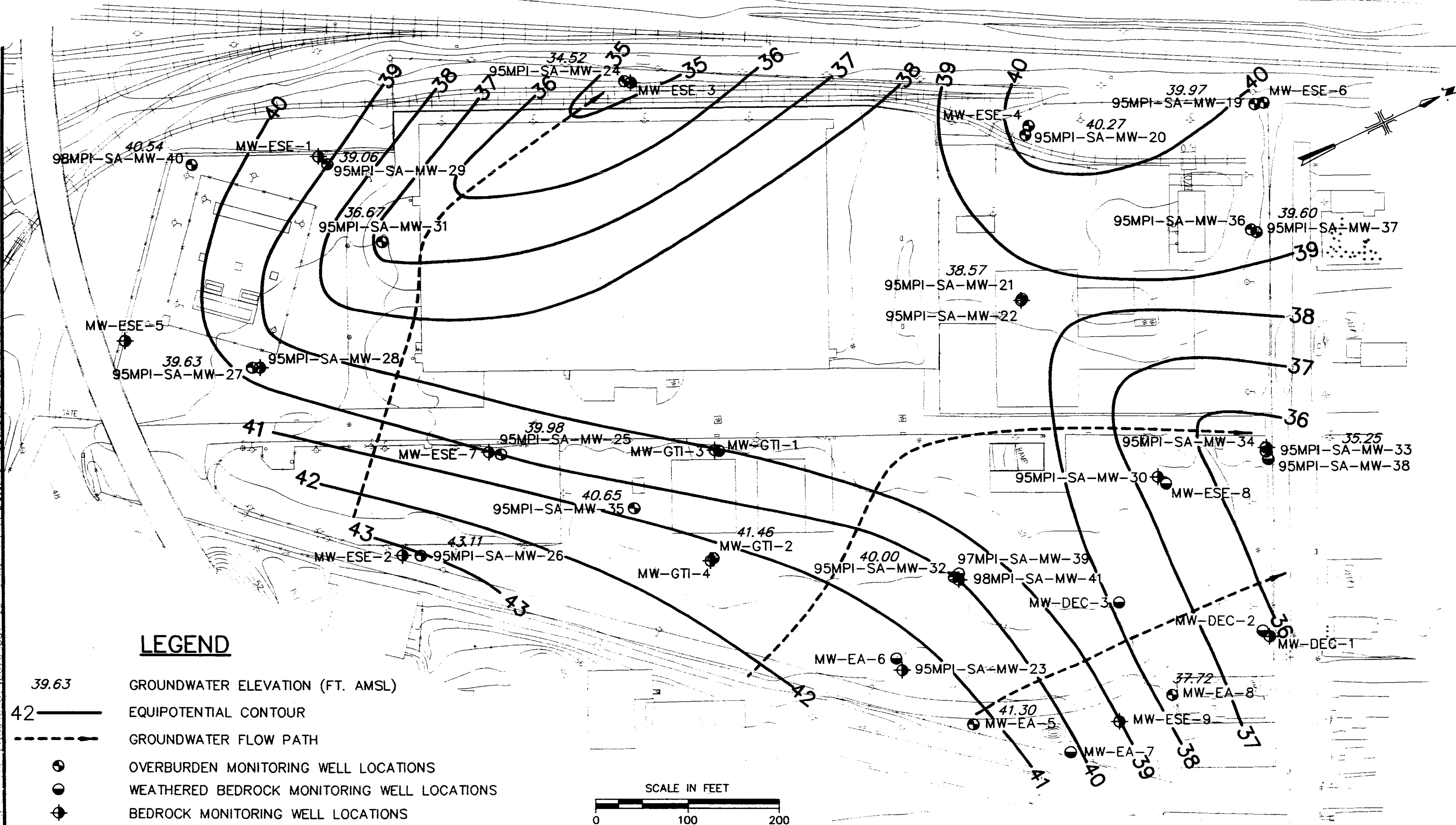
US Army Corps
of Engineers

SIBERIA AREA
BEDROCK POTENTIOMETRIC CONTOURS 6/22/98
WATERLIET ARSENAL
USACE CONTRACT NO. DACA31-94-D-0017

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MALCOLM PIRNIE, INC.

FIGURE 3-3

09/08/1998 Time: 12:14
09/08/1998 11:58:27-09
09/08/1998 11:58:27-09



US Army Corps
of Engineers

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FIGURE 3-4

APPENDIX A

Boring Logs and Monitoring Well Construction Schematics

HTW DRILLING LOG

HOLE NO.
MW-40
SHEET 1
OF 2 SHEETS

1. COMPANY NAME Malcolm Pirnie, Inc.		2. DRILLING CONTRACTOR Zebra Environmental			
3. PROJECT Siberia Area CMS			4. LOCATION Watervliet Arsenal, Watervliet, NY		
NAME OF DRILLER Mike Flynn			6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe		
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT 1.5"		MacroCore		8. HOLE LOCATION North East	
				9. SURFACE ELEVATION 1	
				10. DATE STARTED 2/19/98	
				11. DATE COMPLETED 2/19/98	
12. OVERBURDEN THICKNESS			15. DEPTH GROUNDWATER ENCOUNTERED 5'		
13. DEPTH DRILLED INTO ROCK			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 4.5'		
14. TOTAL DEPTH OF HOLE 9.0			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) Development: 3.81'		
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES					
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		METALS	
		OTHER (SPECIFY)		OTHER (SPECIFY)	
21. TOTAL CORE REC %					
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL	
				OTHER (SPECIFY)	
		X			
23. SIGNATURE OF INSPECTOR					

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	Silt some sand - f/m brn, trace fine gravel, trace shale.	0				Rec = 2.5/4.0 Heavy black staining @ 2.5'. Staining decreases btwn 3.5' - 4.0'.
	1						
	2						
	3						
	4	As above with more coarse shale fragments. Saturated @ 5'.					Rec = 3.25/4.0
	5						

HTW DRILLING LOG

HOLE NO.
MW-40

PROJECT
Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 2
OF 2 SHEETS

FLEV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	6	Silt with shale interbedded - gray-orange marble.					
	7						
	8	Sand some silt - f/m/c.	0				Refusal @ 9'. Slight Odor
	9	Bottom of Hole					
	10						
	11						
	12						
	13						
	14						

HTW DRILLING LOG

HOLE NO.
MW-41

1. COMPANY NAME Malcolm Pirnie, Inc.		2. DRILLING CONTRACTOR American Auger		SHEET 1 OF 11 SHEETS	
3. PROJECT Siberia Area CMS			4. LOCATION Watervliet Arsenal, Watervliet, NY		
5. NAME OF DRILLER Rocky Baye			6. MANUFACTURER'S DESIGNATION OF DRILL 6 1/4" HSA, HQ Coring, 3 7/8" Rollerbit		
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT Approx. 10.5"		n/a		8. HOLE LOCATION North East	
				9. SURFACE ELEVATION	
				10. DATE STARTED 3/25/98	
				11. DATE COMPLETED 4/15/98	
12. OVERBURDEN THICKNESS 9.0'			15. DEPTH GROUNDWATER ENCOUNTERED		
13. DEPTH DRILLED INTO ROCK 85'			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED		
14. TOTAL DEPTH OF HOLE 94.0			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)		
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES					
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		METALS	
		OTHER (SPECIFY)		OTHER (SPECIFY)	
21. TOTAL CORE REC % 16					
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL	
				OTHER (SPECIFY)	
		X			
23. SIGNATURE OF INSPECTOR					

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	Cuttings appear stained (blk to med grey, shiny); gravelly silty w/little sand, trace clay, saturated.	(ppm) Cuttings: 1.2				
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT
Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 2
OF 11 SHEETS

FLEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	6						
	7						
	8						
	9						
	10	Weathered Bedrock	Rtrn Water: 0.0 - 0.2 (bg)				Auger Refusal @ 10.2'. Core 10-14 very weathered - begin 1st core run @ 14.0 in more competent rock.
	11						
	12						
	13						
	14						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 3
OF 11 SHEETS

ELEV.	DEPTH	DESCRIPTION OF MATERIALS	Field Screening Results	Geotech Sample or Core Box No.	Analytical Sample No.	Blow Counts	REMARKS
	b	c	d	e	f	g	h
		Core Run 1 - Competent Bedrock	Rtrn Water: bg				
	15						
	16						
	17						
	18						
	19	Core Run 2	Core: 0 Rtrn Water: up to 3.0				
	20						
	21						
	22						
	23						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 4
OF 11 SHEETS

FLEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech. Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	24	Core Run 3	Rtrn water: 1.4				
	25						
	26						
	27						
	28						
	29	Core Run 4	Rtrn Water: 0.5				
	30						
	31						
	32						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 5
OF 11 SHEETS

FLEV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	33						
	34						
	35	Core Run 5: Slate-Med grey to blk, 45-60 deg. angled bedding; fractures and joints common along bedding planes; quartzite (?) common as seam assoc w/ fractures/joints, also crosses bedding planes; occas. pyrite min w/in fracture/joint seam.	Core: 0.1 - 0.2 Rtrn Water: 0.2 Background = 0.0 - 0.1				Rec: 3.5/5.0. RQD: 1.3/5.0. Water Loss: Noticeable water 25-50 gal. Fractures/joints not described @ depths due to low recovery; Note also slickenslide features common at frac/joints.
	36						
	37						
	38						
	39						
	40	Core Run 6: Slate-as above, grey-blk with fractures and joints; fractures/joints: 39.2'@35&40 deg.; 39.45'@35&40 deg; 40.0'@45 deg (smooth faces-jointing?); 40.2'@25-30 deg; 40.95'@30 deg; 41.1'@60 deg; 41.35'@0-10 deg; 41.5'@50-60 deg; 41.95'@45 deg; 42.4'@35-40 deg; 42.5'@65-70 deg; 42.6'@20 deg; 42.75'@45 deg; 42.95'@60 deg; 43.35' broken 0 and 45 deg; 44.0'@50-60 deg.	Core: 0.2 Rtrn Water: 0.8				Rec: 5.0/5.0. RQD: 2.9/5.0. Water Loss: approx 25 gal lost.
	41						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 6
OF 11 SHEETS

W. ELEV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	42						
	43						
	44						
	45	Core Run 7: Slate-as above, grey/blk with fractures and joints; fractures/joints @: 44.0' @ 45-50 deg; 44.35'-44.8' fracture @ 75 deg; 45.0' @ 30 and 45 deg; 45.55' @ 50-55 deg; 46.25' @ 60 deg; 46.8' @ 30 deg; 47.05' @ 30 and 65 deg; 47.25'-47.5' @ 65-70 deg; 47.7' @ 45 deg; 49.0' @ 50 deg.	Core: 0.2 Rtn Water: 0.3				Rec: 5.0/5.0. RWD: 3.8/5.0.
	46						
	47						
	48						
	49						
	50	Core Run 8: Slate-as above, grey-blk; fractures/joints @: 49.5' @ 45-50 deg; 49.9' @ 10-15 deg; 50.95' @ 50 deg (quartzite seam @ this fracture/joint to 3/8" thick); 51.15' @ 10 deg; 51.95' @ 60 deg (slicken sided); 52.4' @ 60 and 10 deg; 52.5' @ 60 deg; 52.7' @ 60	Core: 0.1 - 0.2 Rtn Water: 0.2				Rec: 5.0/5.0. RQD: 3.7/5.0. Water loss: approx 25 gal lost

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT
Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 7
OF 11 SHEETS

ELEV. i	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		deg; 52.9'@ 60 and 45 deg; 53.1'@ 60 deg; 53.45'@ 60-65 deg w/some rubble; 53.8' broken @ 70 and 25 deg.					
	51						
	52						
	53						
	54						
	55	Core Run 9: Slate-as above, grey-blk w/fractures and joints; fractures/joints @: 54.2'@ 45 deg; 54.55'@ 60 deg; 54.75'@ 60-65 deg; 55.7'@ 35-40 deg; 56.35'@ 60-65 deg; 56.4'@ 60-65 deg; 57.2'@ 60 deg; 58.6'@ 55-60 deg; 59.0'@ 45 deg.	Core: 0.1 - 0.2 Rtm Water: 1.3				Rec: 5.0/5.0. RQD: 4.5/5.0. Water Loss: Minimal, <10 gal.
	56						
	57						
	58						
	59						

PROJECT
Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

HOLE NO.
MW-41

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 8
OF 11 SHEETS

FLEV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	60	Core Run 10: As above with fractures and joints @: 59.1' @ 45 deg; 59.25' @ 10-30 deg; 59.4' @ 10 and 45 deg; 60.2' @ 60-65 deg; 60.4' @ 60-65 deg; 60.55' @ 60 deg; 61.0' @ 60 deg; 61.5' @ 60 deg; 62.3' @ 60 deg; 62.55' @ 60 deg; 63.75' @ 20 and 45 deg.	Core: 0.2 Rtn Water: 2.1				Rec: 5.0/5.0. RQD: 3.8/5.0. Water Loss:
	61						
	62						
	63						
	64						
	65	Core Run 11: As above with fractures/joints @: 64.45' @ 60-70 deg; 64.8' @ 60 deg; 64.9' @ 60 deg; 66.7' @ 50-55 deg; 67.0' @ 60-70 deg; 67.5' @ 60-70 deg; 68.05' @ 45 deg; 68.3' @ 60 deg; 69.0' @ 60 deg.	Core: 0.2 Rtn Water: 0				Rec: 5.0/5.0. RQD: 3.9/5.0. Water Loss: Minimal, <10 gal
	66						
	67						
	68						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 9
OF 11 SHEETS

ELEV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	69	Core Run 12: As above with fractures/joints @: 69.0'@ 60 deg; 69.7'@ 60 deg; 69.85'@ 30 and 50 deg; 70.35'@ 15 deg; 70.55'@ 50 deg; 70.65'@ 50 deg; 71.0'@ 35-40 deg; 71.55'@ 30 deg; 71.75'@ 60 deg; 71.95-72.1' rubble w/60 deg flat face @ 72.1'; 72.35'@ 60 deg; 72.65'@ 0 and 60 deg; 73.65'@ 60 deg; 74.0'@ 60 deg.	Core: 0.1 Rtrn Water: 0.2				Rec: 4.5/5.0. RQD: 3.0/5.0. Water Loss: 25-35 gal lost.
	70						
	71						
	72						
	73						
	74	Core Run 13: Slate-grey blk as described previously; Quartzite (?) seams common@fractures; pyrite mineralization occas on fracture faces; fractures/joints most approx. 60 deg and fairly weathered; 74.0-74.2' rubble; 74.2'@ 10 deg; 74.35'@ 0 deg; 74.55'@ 45 deg and broken to 74.8'; 74.8'@ 10 deg; 74.95'@ 50 deg; 75.15'@ 60 deg; 75.15-75.3' weathered rubble; 75.5' @ 45 deg; 75.8'@ 60 deg; 76.1'@ 60 deg; 76.4'@ 10 deg; 76.6'@ 55 deg; 76.85-77.1' rubble; 77.2'@ 60 deg; 77.5'@ 10 deg; 77.8'@ 45 deg; 78.0-79.0 rubble.	Core: 0 Rtrn Water: 0				Bottom of 4" PVC casing @ 74'. Rec: 3.8/5.0. RQD: 0.0/5.0. Water Loss: 10-15 gal.
	75						
	76						
	77						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 10
OF 11 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	78						
	79	Core Run 14: As Above with fractures @: 79.0-79.5' broken and weathered; 79.5'@ 10 deg; 80.4'@ 60 deg; 80.7-81.1' broken w/90 deg fractures/joint; 81.1'@ 30 and 30 deg; 81.8'@ 60 deg; 82.1'@ 65 deg; 82.45'@ 10 and 45 deg; 82.85-83.1' broken/weatherd; 83.1'@ 45 deg; 83.7'@ 60 deg; 84.0'@ 30 deg.	Core: 0 Rtrn Water: 0				Rec: 5.0/5.0. RQD: 2.8/5.0. Water loss: 10-15 gal.
	80						
	81						
	82						
	83						
	84	Core Run 15: As above with fractures/joints @: 84.2'@ 45deg; 84.7'@ 30 deg; 84.85-85.1'@ 60 deg; 85.3'@ 45 deg; 85.8'@ 45 deg; 86.9'@ 30 deg; 87.1-87.25' broken several 45 deg; 87.6-87.85'@ 65-70 deg; 88.2'@ 30 deg; 89.0'@ 30 and 45 deg.	Core: 0 Rtrn Water: 0				Rec: 5.0/5.0. RQD: 3.5/5.0. Water loss: 10-15 gal.
	85						
	86						

HTW DRILLING LOG

HOLE NO.
MW-41

PROJECT Siberia Area CMS
Watervliet Arsenal, Watervliet, NY

INSPECTOR

SHEET 11
OF 11 SHEETS

REL. EV.	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	87						
	88						
	89						
	90	Core Run 16: As above with fractures/joints @: 89.0' @ 10 deg; 89.2' @ 40 deg; 89.55' @ 30 deg; 89.55-89.85' broken; 89.98' @ 0 deg; 90.2' @ 45 and 45 deg; 90.65' @ 30 deg; 90.95' @ 45 deg; 91.35' @ 45 deg; 91.7' @ 45 deg; 91.95' @ 45 and 60 deg; 92.1' @ 30-40 deg; 92.45-92.6' broken; 92.6' @ 0 deg and several 90 deg; 93.0' @ 45 and 0 deg; 94.0' @ 10-15 deg.	Core: 0 Rtn Water: 0				Rec: 5.0/5.0. RQD: 3.3/5.0. Water Loss: 10-15 gal.
	91						
	92						
	93						
	94	Bottom of Open Hole					
	95						

APPENDIX B

Monitoring Well Sampling Purge Logs

Well No. 97MPI-SA-MW-39

PROJECT NAME:	SIBERIA AREA CORRECTIVE MEASURES STUDY
PROJECT LOCATION:	WATERVLIET, NY
PROJECT NUMBER:	0285664
DATE:	08/19/07
SAMPLER(S):	L. CLAYTON

A Total Casing and Screen Length (ft.)	<u>13.67</u>
B Casing Internal Diameter (in.)	<u>2</u>
C Water Level Below Top of Casing (ft.)	<u>~ 5'</u>
D Volume of Water in Casing - includes annulus (gal.)	*3

PARAMETER	ACCUMULATED VOLUME PURGED										
	3	5	7.5	10	12	15	17	20	22		
Gallons	8/19	8/19	8/19	8/19	8/19	8/19	8/19	8/19	8/19		
Date	1023	1028	1042	1108	1123	1158	1222	1247	1310		
Time	1.16	1.19	1.27	1.16	1.18	1.17	1.11	1.13	1.14		
Conductivity (mohm/cm)				7-8	7-8	7-8	7-8	7-8			
pH paper	9.36	9.30	9.39	9.30	10.71	10.63	9.25	10.82	9.57		
pH (S.U.s)	16.7	16.0	16.1	16.0	15.8	16.1	16.7	16.0	16.0		
Temp. (°C)	>999	>999	>999	>999	>999	>999	>999	>999	>999		
Turbidity (NTUs)	X			X							
SURGE			dry		dry	dry		dry	dry		

PHOTO TAKEN YES Photo Number:
 X NO

PID READING: NR

COMMENTS: CHECKED FOR PRODUCT W/BAILER - NONE THEREFORE NO INITIAL W.L. (PROBABLY APPROX. 5' BGS)

* NOTE - pH DOES NOT CALIBRATE, USE pH PAPER ON PURGES AFTER 7.5 GAL.

DK GRAY,\$Y

CLEAR UP A LITTLE

NO SHEEN OR ODOR

Monitoring Well Development/Purge Log

Well No. MW-39

PROJECT NAME: WATERVLIET ARSENAL - CORRECTIVE MEASURES STUDY
 PROJECT LOCATION: WATERVLIET, NY
 PROJECT NUMBER: 285664
 DATE: 09/02/97
 SAMPLER(S): D. LANG, N. FOLEY
 DEVELOPMENT METHOD: BAILER

A Total Casing and Screen Length (ft.) 13.60
 B Casing Internal Diameter (in.) 2
 C Water Level Below Top of Casing (ft.) 3.56
 D Volume of Water in Casing (gal.) 1.70

PARAMETER	ACCUMULATED VOLUME PURGED									
	0	2	4	6						
Gallons										
Date	9/2/97	9/2/97	9/2/97	9/2/97						
Time	12:30	12:35	12:40	12:45						
Conductivity (mohm/cm)	1.050	0.950	0.870	0.920						
pH (S.U.s)	6.20	7.25	7.15	7.01						
Temp. (°F)	79.0	70.5	66.5	67.0						
Turbidity (NTUs)	--	>100	>100	>100						

PHOTO TAKEN ☐ YES Photo Number:
☐ NO

PID READING: _____

COMMENTS: PURGED DRY AFTER 3 WELL VOLUMES
SAMPLE COLLECTED AT 1314 (4 VOA VILES)
DUPLICATE SAMPLE COLLECTED (X-1)

Monitoring Well Development/Purge Log

Well No. **98MPI-SA-MW-40**

PROJECT NAME: SIBERIA AREA CORRECTIVE MEASURES STUDY
 PROJECT LOCATION: WATERVLIET, NY
 PROJECT NUMBER: 0285664
 DATE: 03/11/98
 SAMPLER(S): KELLEY ROE

A Total Casing and Screen Length (ft.) _____
 B Casing Internal Diameter (in.) 1
 C Water Level Below Top of Casing (ft.) 3.81
 D Volume of Water in Casing - includes annulus (gal.) 0.25

PARAMETER	ACCUMULATED VOLUME PURGED									
	0	0.25	0.5	2.25	3.25					
Gallons	0	0.25	0.5	2.25	3.25					
Date	3/11	3/11	3/11	3/11	3/11					
Time	1355	1400	1420	1445	1505					
Conductivity (mohm/cm)										
pH paper										
pH (S.U.s)										
Temp. (°C)										
Turbidity (NTUs)	>1000	>1000	>1000	>1000	>1000					
WATER LEVEL				3.86	3.85					
BOW				8.1	8.13					

PHOTO TAKEN YES Photo Number:
 X NO

PID READING: NR

COMMENTS: NO PARAMETER MEASUREMENTS W/HORIBA UNLESS WATER CLEANS-UP - EXTREMELY SILTY W/SIGNIFICANT
 SHEEN - SHEEN DECREASES W/PURGING

1445 STILL VERY SILTY BUT CLEARER THAN TIME 0 - CONT TO PURGE SINCE BOW MEASUREMENT NEARING 9.0' - DON'T
 KNOW IF BAILER WILL REACH BOTTOM (DUE TO WELL JOINTS/ALIGNMENT) OF IF ITS ONLY B/C OF VISCOUS SILTY WATER
 1505 HAVE PURGED 13+ VOLUMES - STILL NOT TO BOW (PER INSTALLATION @ 9.0' BGS), AND STILL VERY TURBID - LET WELL WATER
 "SETTLE" BEFORE PULLING SAMPLE VOLUMES FROM TOP OF WATER COLUMN.
 1545 SAMPLE VOAs (PRESERVE W/HCL TO pH<2); 1550 SAMPLE PHC-DRO

Monitoring Well Development/Purging Log

Well No. **98MPI-SA-MW-41**

PROJECT NAME: SIBERIA AREA CORRECTIVE MEASURES STUDY
PROJECT LOCATION: WATERVLIET, NY
PROJECT NUMBER: 0285664
DATE: 06/26/98
SAMPLER(S): D. RIKER & W. GAMBLE

A Total Casing and Screen Length (ft.) 92.46
B Casing Internal Diameter (in.) 4
C Water Level Below Top of Casing (ft.) 7.62
D Volume of Water in Casing - includes annulus (gal.) 55.90

PARAMETER	ACCUMULATED VOLUME PURGED									
Gallons	0	56	112	168						
Date	6/26	6/26	6/26	6/26						
Time	1415	1450	1516	1540						
Conductivity (mohm/cm)	6.95	1.62	1.93	1.97						
pH (S.U.s)	12.62	10.19	6.83	6.71						
Temp. (°C)	15.3	17.2	17.0	15.4						
Turbidity (NTUs)	553	999	785	688						

PHOTO TAKEN YES Photo Number:
 X NO

PID READING: NR

COMMENTS: PURGED WITH GUNFROS PUMP/ SAMPLED WITH DEDICATED TEFLON BAILER
 SAMPLE COLLECTED AT 1550

APPENDIX C

Soil Sample Results From Asbestos Removal Operations At Building No. 145



Experience is the solution

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CLIENT: Watervliet Arsenal

CLIENT'S SAMPLE ID: BLDG 145 South End

AES sample #: 980417 Y01

Samples taken by: R. Rutland

MATRIX: Soil

Date Sampled: 04/17/98

Date sample received: 04/17/98

Location: Building 145
composite

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
TCLP Extraction (ZHE)	EPA-1311	Complete		AP-BQ-4	04/22/98
Benzene - TCLP Extract	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Carbon Tetrachloride-TCLP Ext.	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Chlorobenzene-TCLP Extract	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Chloroform-TCLP Extract	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
1,2-Dichloroethane-TCLP Ext.	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
1,1-Dichloroethene-TCLP Ext.	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Methyl Ethyl Ketone-TCLP Ext.	EPA-8240	<170	ug/l	AP-BQ-4	04/29/98
Tetrachlorethylene-TCLP Ext.	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Trichloroethylene-TCLP Extract	EPA-8240	<85	ug/l	AP-BQ-4	04/29/98
Vinyl Chloride-TCLP Extraction	EPA-8240	<170	ug/l	AP-BQ-4	04/29/98
TCLP Extraction	EPA-1311	Complete		TCLP-C-7	04/20/98
Nitrobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Pyridine-TCLP Extract	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Cresols (Total) TCLP Extract.	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
1,4-Dichlorobenzene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
2,4-Dinitrotoluene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Hexachlorobenzene-TCLP Extract	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Hexachlorobutadiene-TCLP Ext.	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Hexachloroethane-TCLP Extract	EPA-8270	<100	ug/l	MT-BP-8	04/26/98



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CLIENT: Watervliet Arsenal

Date Sampled: 04/17/98

CLIENT'S SAMPLE ID: BLDG 145 South End

Date sample received: 04/17/98

AES sample #: 980417 Y01

Samples taken by: R. Rutland

Location: Building 145

MATRIX: Soil

composite

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
Pentachlorophenol-TCLP Extract	EPA-8270	<500	ug/l	MT-BP-8	04/26/98
2,4,5-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
2,4,6-Trichlorophenol-TCLP Ext	EPA-8270	<100	ug/l	MT-BP-8	04/26/98
Arsenic-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-2C-52	04/30/98
Barium-TCLP Extraction	EPA-6010	0.42	mg/l	CG-I-2C-52	04/30/98
Cadmium-TCLP Extraction	EPA-6010	<0.01	mg/l	CG-I-2C-52	04/30/98
Chromium-TCLP Extraction	EPA-6010	<0.05	mg/l	CG-I-2C-52	04/30/98
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-2C-52	04/30/98
Mercury-TCLP Extraction	EPA-7470	<0.02	mg/l	SM-PSL-18	04/23/98
Selenium-TCLP Extraction	EPA-6010	<0.1	mg/l	CG-I-2C-52	04/30/98
Silver-TCLP Extraction	EPA-6010	<0.02	mg/l	CG-I-2C-52	04/30/98

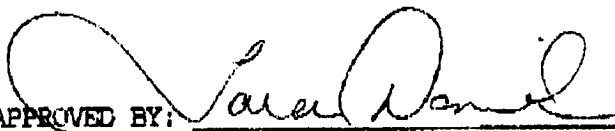


Experience is the solution

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CLIENT: Watervliet Arsenal Date Sampled: 04/17/98
 CLIENT'S SAMPLE ID: BLDG 145 South West Date sample received: 04/17/98
 AES sample #: 980417 YO2 Samples taken by: R. Rutland Location: Building 145
 MATRIX: Solid Sample grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTES/REF	TEST DATE
TCLP Extraction	EPA-1311	Complete		FREP-A	04/22/98
Lead-TCLP Extraction	EPA-6010	<0.5	mg/l	CG-I-2C-52	04/30/98

APPROVED BY: 
 Report date: 05/04/98

APPENDIX D

Analytical Data

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: IEA/CT

Contract: _____

Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-01

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2744

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 22 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	130	U
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
108-60-1	bis(2-Chloroisopropyl) ether	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy) methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	29	J
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	22	J
606-20-2	2,6-Dinitrotoluene	180	U
83-32-9	Acenaphthene	58	J
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-01

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2744

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 22 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: 7.3

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	53	J
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
7-86-5	Pentachlorophenol	1000	U
5-01-8	Phenanthrene	940	
120-12-7	Anthracene	190	J
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	2600	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	700	
218-01-9	Chrysene	990	
117-81-7	bis(2-Ethylhexyl)phthalate	84	J
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	880	
207-08-9	Benzo(k)fluoranthene	1500	
50-32-8	Benzo(a)pyrene	780	
193-39-5	Indeno(1,2,3-cd)pyrene	300	J
53-70-3	Dibenzo(a,h)anthracene	85	J
191-24-2	Benzo(g,h,i)perylene	290	J

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1RE

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-01RE

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2789

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 22 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	130	U
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
108-60-1	bis(2-Chloroisopropyl) ether	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy) methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	51	J
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
131-11-3	Dimethylphthalate	58	J
208-96-8	Acenaphthylene	180	U
606-20-2	2,6-Dinitrotoluene	53	J
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
100-Q2-7	4-Nitrophenol	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-1RE

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-01RE

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2789

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 22 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	69	J
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
37-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	880	
120-12-7	Anthracene	210	J
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	2600	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	710	
218-01-9	Chrysene	840	
117-81-7	bis(2-Ethylhexyl)phthalate	76	J
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	1000	
207-08-9	Benzo(k)fluoranthene	800	
50-32-8	Benzo(a)pyrene	700	
193-39-5	Indeno(1,2,3-cd)pyrene	120	J
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	90	J

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-02

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2745

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 16 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.0

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
108-60-1	bis(2-Chloroisopropyl) ether	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	50	J
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	390	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	20	J
606-20-2	2,6-Dinitrotoluene	170	U
83-32-9	Acenaphthene	70	J
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2RE

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-02RE

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2790

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 16 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.0

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

Q

CAS NO.	COMPOUND		
62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
108-60-1	bis(2-Chloroisopropyl) ether	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	85	J
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	390	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	57	J
606-20-2	2,6-Dinitrotoluene	170	U
83-32-9	Acenaphthene	76	J
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-02

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2745

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	73	J
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	240	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	2400	U
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	97	J
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	790	
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	670	
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	1100	
207-08-9	Benzo(k)fluoranthene	1900	
50-32-8	Benzo(a)pyrene	860	
193-39-5	Indeno(1,2,3-cd)pyrene	340	J
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(a,h,i)perylene	340	J

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-2RE

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-02RE

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2790

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	77	J
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
108-74-1	Hexachlorobenzene	390	U
36-5	Pentachlorophenol	950	U
83-01-8	Phenanthrene	980	
120-12-7	Anthracene	270	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	1600	
92-87-5	Benzidine	2400	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	65	J
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	780	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)phthalate	520	
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	1000	
50-32-8	Benzo(a)pyrene	790	
193-39-5	Indeno(1,2,3-cd)pyrene	140	J
53-70-3	Dibenzo(a,h)anthracene	34	J
191-24-2	Benzo(g,h,i)perylene	93	J

- Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-03

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2791

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 36 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

62-75-9	N-Nitrosodimethylamine	160	U
108-95-2	Phenol	16	U
111-44-4	bis(2-Chloroethyl) ether	520	U
95-57-8	2-Chlorophenol	520	U
541-73-1	1,3-Dichlorobenzene	520	U
146-7	1,4-Dichlorobenzene	520	U
95-50-1	1,2-Dichlorobenzene	520	U
108-60-1	bis(2-Chloroisopropyl) ether	520	U
621-64-7	N-Nitroso-di-n-propylamine	520	U
67-72-1	Hexachloroethane	520	U
98-95-3	Nitrobenzene	520	U
78-59-1	Isophorone	520	U
88-75-5	2-Nitrophenol	520	U
105-67-9	2,4-Dimethylphenol	520	U
111-91-1	bis(2-Chloroethoxy) methane	520	U
120-83-2	2,4-Dichlorophenol	520	U
120-82-1	1,2,4-Trichlorobenzene	520	U
91-20-3	Naphthalene	65	J
87-68-3	Hexachlorobutadiene	520	U
59-50-7	4-Chloro-3-methylphenol	520	U
91-57-6	2-Methylnaphthalene	520	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	520	U
131-11-3	Dimethylphthalate	520	U
208-96-8	Acenaphthylene	80	J
606-20-2	2,6-Dinitrotoluene	220	U
83-32-9	Acenaphthene	130	J
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	520	U
84-66-2	Diethylphthalate	12	J
7005-72-3	4-Chlorophenyl-phenylether	520	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-03

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2791

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 36 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.1

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

CAS NO. COMPOUND

86-73-7	Fluorene	100	J
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	520	U
101-55-3	4-Bromophenyl-phenylether	520	U
117-74-1	Hexachlorobenzene	520	U
117-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	310	J
84-74-2	Di-n-butylphthalate	520	U
206-44-0	Fluoranthene	2200	
92-87-5	Benzidine	3100	U
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	44	J
91-94-1	3,3'-Dichlorobenzidine	520	U
56-55-3	Benzo(a)anthracene	1200	
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	520	U
205-99-2	Benzo(b)fluoranthene	1900	
207-08-9	Benzo(k)fluoranthene	1300	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	410	J
53-70-3	Dibenzo(a,h)anthracene	520	U
191-24-2	Benzo(g,h,i)perylene	290	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-04

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2792

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 23 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	650	U
108-95-2	Phenol	69	U
111-44-4	bis(2-Chloroethyl) ether	2100	U
95-57-8	2-Chlorophenol	2100	U
57-73-1	1,3-Dichlorobenzene	2100	U
95-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
108-60-1	bis(2-Chloroisopropyl) ether	2100	U
621-64-7	N-Nitroso-di-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy) methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U
91-20-3	Naphthalene	130	J
87-68-3	Hexachlorobutadiene	2100	U
59-50-7	4-Chloro-3-methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	6500	U
88-06-2	2,4,6-Trichlorophenol	5200	U
91-58-7	2-Chloronaphthalene	2100	U
131-11-3	Dimethylphthalate	2100	U
208-96-8	Acenaphthylene	440	J
606-20-2	2,6-Dinitrotoluene	910	U
83-32-9	Acenaphthene	360	J
51-28-5	2,4-Dinitrophenol	5200	U
100-02-7	4-Nitrophenol	5200	U
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
7005-72-3	4-Chlorophenyl-phenylether	2100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-04

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2792

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 23 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	300	J
534-52-1	4,6-Dinitro-2-methylphenol	5200	U
86-30-6	N-Nitrosodiphenylamine (1)	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
86-5	Pentachlorophenol	5200	U
85-01-8	Phenanthrene	3300	
120-12-7	Anthracene	1000	J
84-74-2	Di-n-butylphthalate	2100	U
206-44-0	Fluoranthene	6600	
92-87-5	Benzidine	13000	U
129-00-0	Pyrene	5500	
85-68-7	Butylbenzylphthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	2100	U
56-55-3	Benzo(a)anthracene	3600	
218-01-9	Chrysene	4400	
117-81-7	bis(2-Ethylhexyl)phthalate	340	J
117-84-0	Di-n-octylphthalate	2100	U
205-99-2	Benzo(b)fluoranthene	3700	
207-08-9	Benzo(k)fluoranthene	2600	
50-32-8	Benzo(a)pyrene	3700	
193-39-5	Indeno(1,2,3-cd)pyrene	1900	J
53-70-3	Dibenzo(a,h)anthracene	2100	U
191-24-2	Benzo(g,h,i)perylene	1700	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-05

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2793

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
91-50-1	1,2-Dichlorobenzene	410	U
108-60-1	bis(2-Chloroisopropyl) ether	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy) methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	25	J
91-20-3	Naphthalene	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	410	U
91-58-7	2-Chloronaphthalene	410	U
131-11-3	Dimethylphthalate	98	J
208-96-8	Acenaphthylene	180	U
606-20-2	2,6-Dinitrotoluene	56	J
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-05

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2793

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 20 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 6.8

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	54	J
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
119-74-1	Hexachlorobenzene	410	U
136-5	Pentachlorophenol	1000	U
80-01-8	Phenanthrene	680	
120-12-7	Anthracene	200	J
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	2500	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	18	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	720	
218-01-9	Chrysene	980	
117-81-7	bis(2-Ethylhexyl)phthalate	86	J
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	910	
207-08-9	Benzo(k)fluoranthene	950	
50-32-8	Benzo(a)pyrene	840	
193-39-5	Indeno(1,2,3-cd)pyrene	280	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	220	J

- Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-06

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2794

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 26 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.1

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	140	U
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
95-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
108-60-1	bis(2-Chloroisopropyl) ether	440	U
621-64-7	N-Nitroso-di-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy) methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	26	J
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	68	J
606-20-2	2,6-Dinitrotoluene	190	U
83-32-9	Acenaphthene	31	J
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	14	J
7005-72-3	4-Chlorophenyl-phenylether	440	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-06

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2794

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 26 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

CAS NO. COMPOUND

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

Q

86-73-7	Fluorene	40	J
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
117-74-1	Hexachlorobenzene	440	U
117-74-1	Hexachlorobenzene	1100	U
85-01-8	Pentachlorophenol	480	
120-12-7	Phenanthrene	140	J
84-74-2	Anthracene	440	U
206-44-0	Di-n-butylphthalate	900	
92-87-5	Fluoranthene	2700	U
129-00-0	Benzidine	760	
85-68-7	Pyrene	440	U
91-94-1	Butylbenzylphthalate	440	U
56-55-3	3,3'-Dichlorobenzidine	420	
218-01-9	Benzo(a)anthracene	560	
117-81-7	Chrysene	70	J
117-84-0	bis(2-Ethylhexyl)phthalate	440	U
205-99-2	Di-n-octylphthalate	430	J
207-08-9	Benzo(b)fluoranthene	30	J
50-32-8	Benzo(k)fluoranthene	410	J
193-39-5	Benzo(a)pyrene	120	J
53-70-3	Indeno(1,2,3-cd)pyrene	440	U
191-24-2	Dibenzo(a,h)anthracene	100	J
	Benzo(g,h,i)perylene		

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 1940A SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL Lab Sample ID: 971940A-07

Sample wt/vol: 30 (g/mL)G Lab File ID: >I2776

Level: (low/med) LOW Date Received: 08/14/97

% Moisture: 26 decanted: (Y/N)N Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.1

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

CAS NO. COMPOUND

62-75-9	N-Nitrosodimethylamine	140	U
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
146-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
108-60-1	bis(2-Chloroisopropyl) ether	440	U
621-64-7	N-Nitroso-di-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy) methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	19	J
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	59	J
606-20-2	2,6-Dinitrotoluene	190	U
83-32-9	Acenaphthene	25	J
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	11	J
7005-72-3	4-Chlorophenyl-phenylether	440	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-7

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-07

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2776

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 26 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.1

CONCENTRATION UNITS:
(ug, µ or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	30	J
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
36-5	Pentachlorophenol	1100	U
80-01-8	Phenanthrene	370	J
120-12-7	Anthracene	96	J
84-74-2	Di-n-butylphthalate	440	U
206-44-0	Fluoranthene	750	
92-87-5	Benzidine	2700	U
129-00-0	Pyrene	600	
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)anthracene	340	
218-01-9	Chrysene	470	
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	440	U
205-99-2	Benzo(b)fluoranthene	320	J
207-08-9	Benzo(k)fluoranthene	440	U
50-32-8	Benzo(a)pyrene	340	J
193-39-5	Indeno(1,2,3-cd)pyrene	160	J
53-70-3	Dibenzo(a,h)anthracene	440	U
191-24-2	Benzo(g,h,i)perylene	140	J

- Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-08

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2777

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 68 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	310	U
108-95-2	Phenol	33	U
111-44-4	bis(2-Chloroethyl) ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
91-50-1	1,2-Dichlorobenzene	1000	U
108-60-1	bis(2-Chloroisopropyl) ether	1000	U
621-64-7	N-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy) methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	96	J
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	3100	U
88-06-2	2,4,6-Trichlorophenol	2500	U
91-58-7	2-Chloronaphthalene	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	440	U
83-32-9	Acenaphthene	84	J
51-28-5	2,4-Dinitrophenol	2500	U
100-02-7	4-Nitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-08

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2777

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 68 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	100	J
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
86-30-6	N-Nitrosodiphenylamine (1)	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
36-5	Pentachlorophenol	2500	U
83-01-8	Phenanthrene	1100	
120-12-7	Anthracene	1100	
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	4300	
92-87-5	Benzidine	6200	U
129-00-0	Pyrene	4000	
85-68-7	Butylbenzylphthalate	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
56-55-3	Benzo(a)anthracene	2600	
218-01-9	Chrysene	3800	
117-81-7	bis(2-Ethylhexyl)phthalate	99	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo(b)fluoranthene	4100	
207-08-9	Benzo(k)fluoranthene	3200	
50-32-8	Benzo(a)pyrene	2800	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	
53-70-3	Dibenzo(a,h)anthracene	1000	U
191-24-2	Benzo(g,h,i)perylene	1200	

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-09

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2795

Level: (low/med) LOW

Date Received: 08/14/97

Moisture: 21 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: 7.3

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	510	U
108-95-2	Phenol	54	U
111-44-4	bis(2-Chloroethyl) ether	1700	U
95-57-8	2-Chlorophenol	1700	U
54-73-1	1,3-Dichlorobenzene	1700	U
146-7	1,4-Dichlorobenzene	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
108-60-1	bis(2-Chloroisopropyl) ether	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy) methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
120-82-1	1,2,4-Trichlorobenzene	130	J
91-20-3	Naphthalene	1700	U
87-68-3	Hexachlorobutadiene	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	5100	U
77-47-4	Hexachlorocyclopentadiene	4000	U
88-06-2	2,4,6-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	1700	U
131-11-3	Dimethylphthalate	2600	
208-96-8	Acenaphthylene	710	U
606-20-2	2,6-Dinitrotoluene	150	J
83-32-9	Acenaphthene	4000	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-09

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2795

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 21 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	880	J
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
119-74-1	Hexachlorobenzene	1700	U
36-5	Pentachlorophenol	4000	U
83-01-8	Phenanthrene	5400	
120-12-7	Anthracene	2900	
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	8200	
92-87-5	Benzidine	10000	U
129-00-0	Pyrene	6400	
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	5000	
218-01-9	Chrysene	5600	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	U
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	4700	
207-08-9	Benzo(k)fluoranthene	5900	
50-32-8	Benzo(a)pyrene	4400	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	J
53-70-3	Dibenzo(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1100	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-7

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 1940A SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL Lab Sample ID: 971940A-10

Sample wt/vol: 30 (g/mL)G Lab File ID: >I2773

Level: (low/med) LOW Date Received: 08/14/97

% Moisture: 27 decanted: (Y/N)N Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.0

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

CAS NO. COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	140	U
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) ether	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
146-7	1,4-Dichlorobenzene	450	U
91-50-1	1,2-Dichlorobenzene	450	U
108-60-1	bis(2-Chloroisopropyl) ether	450	U
621-64-7	N-Nitroso-di-n-propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxy) methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	24	J
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	450	U
131-11-3	Dimethylphthalate	450	U
208-96-8	Acenaphthylene	22	J
606-20-2	2,6-Dinitrotoluene	190	U
83-32-9	Acenaphthene	450	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-7

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-10

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2773

Level: (low/med) LOW

Date Received: 08/14/97

Moisture: 27 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	17	J
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
110-74-1	Hexachlorobenzene	450	U
86-6-5	Pentachlorophenol	1100	U
85-11-8	Phenanthrene	210	J
120-12-7	Anthracene	46	J
84-74-2	Di-n-butylphthalate	450	U
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	2700	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	450	U
56-55-3	Benzo(a)anthracene	180	
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	22	J
117-84-0	Di-n-octylphthalate	450	U
205-99-2	Benzo(b)fluoranthene	190	J
207-08-9	Benzo(k)fluoranthene	450	U
50-32-8	Benzo(a)pyrene	190	J
193-39-5	Indeno(1,2,3-cd)pyrene	130	J
53-70-3	Dibenzo(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	130	J

- Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-11

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2772

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 40 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

CAS NO.

COMPOUND

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

Q

62-75-9	N-Nitrosodimethylamine	170	U
108-95-2	Phenol	18	U
111-44-4	bis(2-Chloroethyl) ether	550	U
95-57-8	2-Chlorophenol	550	U
54-73-1	1,3-Dichlorobenzene	550	U
146-7	1,4-Dichlorobenzene	550	U
95-50-1	1,2-Dichlorobenzene	550	U
108-60-1	bis(2-Chloroisopropyl) ether	550	U
621-64-7	N-Nitroso-di-n-propylamine	550	U
67-72-1	Hexachloroethane	550	U
98-95-3	Nitrobenzene	550	U
78-59-1	Isophorone	550	U
88-75-5	2-Nitrophenol	550	U
105-67-9	2,4-Dimethylphenol	550	U
111-91-1	bis(2-Chloroethoxy) methane	550	U
120-83-2	2,4-Dichlorophenol	550	U
120-82-1	1,2,4-Trichlorobenzene	550	U
91-20-3	Naphthalene	550	U
87-68-3	Hexachlorobutadiene	550	U
59-50-7	4-Chloro-3-methylphenol	550	U
91-57-6	2-Methylnaphthalene	550	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	550	U
131-11-3	Dimethylphthalate	550	U
208-96-8	Acenaphthylene	28	J
606-20-2	2,6-Dinitrotoluene	230	U
83-32-9	Acenaphthene	550	U
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	550	U
84-66-2	Diethylphthalate	550	U
7005-72-3	4-Chlorophenyl-phenylether	550	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-11

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2772

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 40 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	550	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	550	U
101-55-3	4-Bromophenyl-phenylether	550	U
119-74-1	Hexachlorobenzene	550	U
16-5	Pentachlorophenol	1300	U
81-01-8	Phenanthrene	300	J
120-12-7	Anthracene	66	J
84-74-2	Di-n-butylphthalate	550	U
206-44-0	Fluoranthene	910	
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	660	
85-68-7	Butylbenzylphthalate	550	U
91-94-1	3,3'-Dichlorobenzidine	550	U
56-55-3	Benzo(a)anthracene	400	
218-01-9	Chrysene	640	
117-81-7	bis(2-Ethylhexyl)phthalate	47	J
117-84-0	Di-n-octylphthalate	550	U
205-99-2	Benzo(b)fluoranthene	530	J
207-08-9	Benzo(k)fluoranthene	550	U
50-32-8	Benzo(a)pyrene	490	J
193-39-5	Indeno(1,2,3-cd)pyrene	330	J
53-70-3	Dibenzo(a,h)anthracene	550	U
191-24-2	Benzo(g,h,i)perylene	360	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8RE

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-11RE

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2798

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 40 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.6

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	170	U
108-95-2	Phenol	18	U
111-44-4	bis(2-Chloroethyl) ether	550	U
95-57-8	2-Chlorophenol	550	U
57-73-1	1,3-Dichlorobenzene	550	U
146-7	1,4-Dichlorobenzene	550	U
95-50-1	1,2-Dichlorobenzene	550	U
108-60-1	bis(2-Chloroisopropyl) ether	550	U
621-64-7	N-Nitroso-di-n-propylamine	550	U
67-72-1	Hexachloroethane	550	U
98-95-3	Nitrobenzene	550	U
78-59-1	Isophorone	550	U
88-75-5	2-Nitrophenol	550	U
105-67-9	2,4-Dimethylphenol	550	U
111-91-1	bis(2-Chloroethoxy) methane	550	U
120-83-2	2,4-Dichlorophenol	550	U
120-82-1	1,2,4-Trichlorobenzene	550	U
91-20-3	Naphthalene	550	U
87-68-3	Hexachlorobutadiene	550	U
59-50-7	4-Chloro-3-methylphenol	550	U
91-57-6	2-Methylnaphthalene	550	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	550	U
131-11-3	Dimethylphthalate	550	U
208-96-8	Acenaphthylene	37	J
606-20-2	2,6-Dinitrotoluene	230	U
83-32-9	Acenaphthene	21	J
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	550	U
84-66-2	Diethylphthalate	550	U
7005-72-3	4-Chlorophenyl-phenylether	550	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8RE

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-11RE

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2798

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 40 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	26	J
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	550	U
101-55-3	4-Bromophenyl-phenylether	550	U
112-74-1	Hexachlorobenzene	550	U
136-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	69	J
84-74-2	Di-n-butylphthalate	550	U
206-44-0	Fluoranthene	840	
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	650	
85-68-7	Butylbenzylphthalate	13	J
91-94-1	3,3'-Dichlorobenzidine	550	U
56-55-3	Benzo(a)anthracene	390	
218-01-9	Chrysene	610	
117-81-7	bis(2-Ethylhexyl)phthalate	57	J
117-84-0	Di-n-octylphthalate	550	U
205-99-2	Benzo(b)fluoranthene	520	J
207-08-9	Benzo(k)fluoranthene	550	U
50-32-8	Benzo(a)pyrene	460	J
193-39-5	Indeno(1,2,3-cd)pyrene	220	J
53-70-3	Dibenzo(a,h)anthracene	550	U
191-24-2	Benzo(g,h,i)perylene	200	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-9

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-12

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2774

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 42 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.2

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

CAS NO. COMPOUND

62-75-9	N-Nitrosodimethylamine	170	U
108-95-2	Phenol	18	U
111-44-4	bis(2-Chloroethyl) ether	570	U
95-57-8	2-Chlorophenol	570	U
54-73-1	1,3-Dichlorobenzene	570	U
146-7	1,4-Dichlorobenzene	570	U
95-50-1	1,2-Dichlorobenzene	570	U
108-60-1	bis(2-Chloroisopropyl) ether	570	U
621-64-7	N-Nitroso-di-n-propylamine	570	U
67-72-1	Hexachloroethane	570	U
98-95-3	Nitrobenzene	570	U
78-59-1	Isophchrone	570	U
88-75-5	2-Nitrophenol	570	U
105-67-9	2,4-Dimethylphenol	570	U
111-91-1	bis(2-Chloroethoxy) methane	570	U
120-83-2	2,4-Dichlorophenol	570	U
120-82-1	1,2,4-Trichlorobenzene	570	U
91-20-3	Naphthalene	570	U
87-68-3	Hexachlorobutadiene	570	U
59-50-7	4-Chloro-3-methylphenol	570	U
91-57-6	2-Methylnaphthalene	570	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1400	U
91-58-7	2-Chloronaphthalene	570	U
131-11-3	Dimethylphthalate	570	U
208-96-8	Acenaphthylene	13	J
606-20-2	2,6-Dinitrotoluene	240	U
83-32-9	Acenaphthene	570	U
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	570	U
84-66-2	Diethylphthalate	14	J
7005-72-3	4-Chlorophenyl-phenylether	570	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-9

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: 971940A-12

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2774

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 42 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.2

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	570	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	570	U
101-55-3	4-Bromophenyl-phenylether	570	U
117-74-1	Hexachlorobenzene	570	U
86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	34	J
84-74-2	Di-n-butylphthalate	570	U
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	3400	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	570	U
91-94-1	3,3'-Dichlorobenzidine	570	U
56-55-3	Benzo(a)anthracene	160	J
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	570	U
205-99-2	Benzo(b)fluoranthene	180	J
207-08-9	Benzo(k)fluoranthene	570	U
50-32-8	Benzo(a)pyrene	180	J
193-39-5	Indeno(1,2,3-cd)pyrene	130	J
53-70-3	Dibenzo(a,h)anthracene	570	U
191-24-2	Benzo(g,h,i)perylene	150	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-10

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-13

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2775

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 59 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.

COMPOUND

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

Q

62-75-9	N-Nitrosodimethylamine	240	U
108-95-2	Phenol	360	
111-44-4	bis(2-Chloroethyl) ether	800	U
95-57-8	2-Chlorophenol	800	U
5-73-1	1,3-Dichlorobenzene	800	U
1-46-7	1,4-Dichlorobenzene	800	U
95-50-1	1,2-Dichlorobenzene	800	U
108-60-1	bis(2-Chloroisopropyl) ether	800	U
621-64-7	N-Nitroso-di-n-propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
111-91-1	bis(2-Chloroethoxy) methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	23	J
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	2400	U
88-06-2	2,4,6-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	800	U
131-11-3	Dimethylphthalate	800	U
208-96-8	Acenaphthylene	120	J
606-20-2	2,6-Dinitrotoluene	340	U
83-32-9	Acenaphthene	26	J
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-10

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) SOIL

Lab Sample ID: 971940A-13

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I2775

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: 59 decanted: (Y/N) N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND

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

Q

86-73-7	Fluorene	800	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
1774-1	Hexachlorobenzene	800	U
86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	520	J
120-12-7	Anthracene	260	J
84-74-2	Di-n-butylphthalate	800	U
206-44-0	Fluoranthene	2400	
92-87-5	Benzidine	4900	U
129-00-0	Pyrene	2400	
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	1500	
218-01-9	Chrysene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	80	J
117-84-0	Di-n-octylphthalate	800	U
205-99-2	Benzo(b)fluoranthene	1100	
207-08-9	Benzo(k)fluoranthene	980	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	650	J
53-70-3	Dibenzo(a,h)anthracene	800	U
191-24-2	Benzo(g,h,i)perylene	580	J

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-1

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water)WATER

Lab Sample ID: 971940A-14

Sample wt/vol: 1000 (g/mL)ML

Lab File ID: >I2781

Level: (low/med) LOW

Date Received: 08/14/97

Moisture: _____ decanted: (Y/N) _____

Date Extracted: 08/18/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

CAS NO. COMPOUND

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

Q

62-75-9	N-Nitrosodimethylamine	1	U
108-95-2	Phenol	1	U
111-44-4	bis(2-Chloroethyl) ether	3	U
95-57-8	2-Chlorophenol	3	U
57-73-1	1,3-Dichlorobenzene	5	U
146-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
108-60-1	bis(2-Chloroisopropyl) ether	10	U
621-64-7	N-Nitroso-di-n-propylamine	3	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophchrone	10	U
88-75-5	2-Nitrophenol	3	U
105-67-9	2,4-Dimethylphenol	2	U
111-91-1	bis(2-Chloroethoxy) methane	5	U
120-83-2	2,4-Dichlorophenol	3	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	10	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-methylphenol	2	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	3	U
91-58-7	2-Chloronaphthalene	5	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	16	U
100-02-7	4-Nitrophenol	8	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	.4	J
7005-72-3	4-Chlorophenyl-phenylether	2	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-1

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 1940A SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)WATER Lab Sample ID: 971940A-14

Sample wt/vol: 1000 (g/mL)ML Lab File ID: >I2781

Level: (low/med) LOW Date Received: 08/14/97

% Moisture: _____ decanted: (Y/N)_____ Date Extracted: 08/18/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO. COMPOUND

Q

86-73-7	Fluorene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	5	U
86-30-6	N-Nitrosodiphenylamine (1)	12	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	2	U
87-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	49	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	2	U
218-01-9	Chrysene	2	U
117-81-7	bis(2-Ethylhexyl)phthalate	.4	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	2	U
207-08-9	Benzo(k)fluoranthene	3	U
50-32-8	Benzo(a)pyrene	2	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAI

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____

SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: SBLKAI

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2742

Level: (low/med) LOW

Date Received: _____

% Moisture: 0 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	100	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	bis(2-Chloroisopropyl) ether	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy) methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	140	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAI

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)SOIL

Lab Sample ID: SBLKAI

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2742

Level: (low/med) LOW

Date Received: _____

% Moisture: 0 decanted: (Y/N)N

Date Extracted: 08/15/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/03/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	330	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
37-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	100	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKCI

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 1940A SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)WATER Lab Sample ID: SBLKCI

Sample wt/vol: 1000 (g/mL)ML Lab File ID: >I2779

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 08/18/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	1	U
108-95-2	Phenol	1	U
111-44-4	bis(2-Chloroethyl) ether	3	U
95-57-8	2-Chlorophenol	3	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
108-60-1	bis(2-Chloroisopropyl) ether	10	U
621-64-7	N-Nitroso-di-n-propylamine	3	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	3	U
105-67-9	2,4-Dimethylphenol	2	U
111-91-1	bis(2-Chloroethoxy) methane	5	U
120-83-2	2,4-Dichlorophenol	3	U
120-82-1	1,2,4-Trichlorobenzene	5	U
91-20-3	Naphthalene	10	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-methylphenol	2	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	3	U
91-58-7	2-Chloronaphthalene	5	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	.2	J
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	16	U
100-02-7	4-Nitrophenol	8	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	2	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKCI

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)WATER

Lab Sample ID: SBLKCI

Sample wt/vol: 1000 (g/mL)ML

Lab File ID: >I2779

Level: (low/med) LOW

Date Received: _____

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 08/18/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/05/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	5	U
86-30-6	N-Nitrosodiphenylamine (1)	12	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	2	U
37-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	49	U
129-00-0	Pyrene	10	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	2	U
218-01-9	Chrysene	2	U
117-81-7	bis(2-Ethylhexyl)phthalate	.5	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	2	U
207-08-9	Benzo(k)fluoranthene	3	U
50-32-8	Benzo(a)pyrene	2	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-1

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-01Level (low/med): LOWDate Received: 08/14/97% Solids: 77.4

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	80.6			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	388.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

¹
 INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-02Level (low/med): LOWDate Received: 08/14/97% Solids: 84.5

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	35.8			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	350.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-03Level (low/med): LOWDate Received: 08/14/97% Solids: 63.8

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	21.6			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	373.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-4

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-04Level (low/med): LOWDate Received: 08/14/97% Solids: 75.7

Concentration Units (ug/L or ug/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	55.8			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	386.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-5

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-05Level (low/med): LOWDate Received: 08/14/97% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	104.			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1130			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-06Level (low/med): LOWDate Received: 08/14/97% Solids: 75.4

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	67.7			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	408.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-7

Lab name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-07Level (low/med): LOWDate Received: 08/14/97% Solids: 72.7

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	72.4			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	376.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SED-7

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-10Level (low/med): LOWDate Received: 08/14/97% Solids: 72.6

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	24.4			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	320.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SED-8

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-11Level (low/med): LOWDate Received: 08/14/97% Solids: 61.6

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.7			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	190.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SED-9

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-12Level (low/med): LOWDate Received: 08/14/97% Solids: 59.3

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.7			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				P
7439-92-1	Lead	67.4			NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				

Color Before: BROWNClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SED-10

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): SOILLab Sample ID: 971940A-13Level (low/med): LOWDate Received: 08/14/97% Solids: 40

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	12.8			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	173.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BLACKClarity Before: OPAQUETexture: FINEColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB-1

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1940

SAS No.: _____

SDG No.: A1940Matrix (soil/water): WATERLab Sample ID: 971940A-14Level (low/med): LOWDate Received: 08/14/97% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: COLORLESSClarity Before: CLEAR

Texture: _____

Color After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKEY

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 1940A SAS No.: _____ SDG No.: A1940

Matrix: (soil/water) WATER

Lab Sample ID: VBLKEY

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >E3286

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/21/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
7-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
 VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-03

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2140A

SAS No.: _____

SDG No.: A2140

Matrix: (soil/water)SOIL

Lab Sample ID: 972140A-01

Sample wt/vol: 4 (g/mL)G

Lab File ID: >E3644

Level: (low/med) MED

Date Received: 09/04/97

% Moisture: not dec. 11

Date Analyzed: 09/09/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 25 (uL)

 CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	5400	U
74-83-9	Bromomethane	5400	U
75-01-4	Vinyl Chloride	5400	U
75-00-3	Chloroethane	5400	U
75-09-2	Methylene Chloride	490	JB
66-04-1	Acetone	5400	U
75-15-0	Carbon Disulfide	2800	U
108-05-4	Vinyl Acetate	2800	U
75-35-4	1,1-Dichloroethene	2800	U
75-34-3	1,1-Dichloroethane	2800	U
540-59-0	1,2-Dichloroethene (total)	520	J
67-66-3	Chloroform	2800	U
107-06-2	1,2-Dichloroethane	2800	U
78-93-3	2-Butanone	5400	U
71-55-6	1,1,1-Trichloroethane	2800	U
56-23-5	Carbon Tetrachloride	2800	U
75-27-4	Bromodichloromethane	2800	U
78-87-5	1,2-Dichloropropane	2800	U
10061-01-5	cis-1,3-Dichloropropene	2800	U
79-01-6	Trichloroethene	1600	J
124-48-1	Dibromochloromethane	2800	U
79-00-5	1,1,2-Trichloroethane	2800	U
71-43-2	Benzene	2800	U
10061-02-6	trans-1,3-Dichloropropene	2800	U
75-25-2	Bromoform	2800	U
108-10-1	4-Methyl-2-Pentanone	5400	U
591-78-6	2-Hexanone	5400	U
127-18-4	Tetrachloroethene	77000	
108-88-3	Toluene	2800	U
79-34-5	1,1,2,2-Tetrachloroethane	2800	U
108-90-7	Chlorobenzene	2800	U
100-41-4	Ethylbenzene	2800	U
100-42-5	Styrene	2800	U
100-20-7	Xylene (total)	2800	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-03

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2140A

SAS No.: _____

SDG No.: A2140

Matrix: (soil/water)SOIL

Lab Sample ID: 972140A-01

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I2827

Level: (low/med) LOW

Date Received: 09/04/97

% Moisture: 11 decanted: (Y/N)N

Date Extracted: 09/05/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/08/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: 7.5

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

CAS NO. COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	110	U
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
108-60-1	bis(2-Chloroisopropyl) ether	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy) methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	26	J
87-68-3	Hexachlorobutadiene	120	J
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	370	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	33	J
606-20-2	2,6-Dinitrotoluene	160	U
83-32-9	Acenaphthene	22	J
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	30	JB
7005-72-3	4-Chlorophenyl-phenylether	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

082
EPA SAMPLE NO.

TP-03

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 2140A SAS No.: _____ SDG No.: A2140

Matrix: (soil/water)SOIL Lab Sample ID: 972140A-01

Sample wt/vol: 30 (g/mL)G Lab File ID: >I2827

Level: (low/med) LOW Date Received: 09/04/97

% Moisture: 11 decanted: (Y/N)N Date Extracted: 09/05/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.5

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

CAS NO.	COMPOUND		
86-73-7	Fluorene	49	J
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
8 36-5	Pentachlorophenol	900	U
8 51-8	Phenanthrene	200	J
120-12-7	Anthracene	76	J
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	2200	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	170	
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	72	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	230	J
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	190	J
193-39-5	Indeno(1,2,3-cd)pyrene	100	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	110	J

() - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: TP-03

Lab Code: IEACT Case No.: 2140A SDG No.: A2140

Matrix: (soil/water): SOIL Lab Sample ID: 972140A-01

Sample wt/vol: 30 (g/ml) G Lab File ID: A5391189

Moisture: 11 decanted: (Y/N) _____ Date Received: 09/04/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11007-69-1	Aroclor-1254	76.	
11-82-5	Aroclor-1260	150	

1D
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: TP-03

Lab Code: IEACT Case No.: 2140A SDG No.: A2140

Matrix: (soil/water): SOIL Lab Sample ID: 972140A-01

Sample wt/vol: 30 (g/ml) G Lab File ID: EX144HC096

% Moisture: 11 decanted: (Y/N) _____ Date Received : 09/04/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 1000 (ul) Date Analyzed : 09/05/97

Injection Volume: 3.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

C.S. NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

	Diesel Range Organics	26000	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MH-120

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1940A

SAS No.: _____ SDG No.: A1940

Matrix: (soil/water)WATER

Lab Sample ID: 971940A-15

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3291

Level: (low/med) LOW

Date Received: 08/14/97

% Moisture: not dec. _____

Date Analyzed: 08/21/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
7-64-1	Acetone	10	U
5-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB1-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714687

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5152.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 14 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	26		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

Lab Name: EA LABORATORIES

Contract: _____

SASUB1-0-0.5

Lab Code: EA ENG Case No.:

Method: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: #9714687

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5152.D

Level: (low/med) LOW

Date Received: 12/5/97

% Moisture: not dec.	<u>14</u>

Date Analyzed: 12/17/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB1-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714687

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5152.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 14 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 10 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	27.60	38	J
2.	1 Unknown	29.14	31	J
3.	1 Unknown	29.21	34	J
4.	1 Unknown	29.81	22	J
5.	1 Unknown	29.94	26	J
6.	1 Unknown	30.94	33	J
7.	1 Unknown	32.19	58	J
8.	1 Unknown	32.53	56	J
9.	1 Unknown	32.82	33	J
10.	1 Unknown	33.75	58	J
11.				
12.				
13.				
14.				
15.				
16.				
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30.				

030027

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB1-2-2.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714688

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5144.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 20 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	3		U
74-87-3	Chloromethane	3		U
75-01-4	Vinyl Chloride	3		U
74-83-9	Bromomethane	4		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	3		U
75-35-4	1,1-Dichloroethene	3		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	3		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	3		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	3		U
124-48-1	Chlorodibromomethane	1		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	3		U
106-42-3	m&p Xylenes	3		U

EPA SAMPLE NO.

SASUB1-2-2.5

Lab Name: EA LABORATORIES

Contract:

Lab Code: EA ENG Case No.: _____

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714688

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5144.D

Level: (low/med) LOW

Date Received: 12/5/97

% Moisture:	not dec.	20

Date Analyzed: 12/17/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

030059

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB1-2-2.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714688

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5144.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 20 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 11 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	27.31	100	J
2.	1 Unknown	27.51	86	J
3.	1 Unknown	27.58	74	J
4.	1 Unknown	27.61	200	J
5.	1 Unknown	28.12	77	J
6.	1 Unknown	28.32	74	J
7.	1 Unknown	29.16	240	J
8.	1 Unknown	29.96	130	J
9.	1 Unknown	30.92	150	J
10.	1 Unknown	32.20	120	J
11.	1 Unknown	34.53	510	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB2-0-0.5

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG Case No.: _____

Method: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: #9714689

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5145.D

Level: (low/med) LOW

Date Received: 12/5/97

% Moisture: not dec. 15

Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	4		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

Lab Name: EA LABORATORIES

Contract:

SASUB2-0-0.5

Lab Code: EA ENG

Case No.:

Method:

SDG No.:

Matrix: (soil/water)

SOIL

Lab Sample ID: #9714689

Sample wt/vol:

5.0

(g/mL) G

Lab File ID: VH8B5145.D

Level: (low/med)

LOW

Date Received: 12/5/97

% Moisture: not dec.

15

Date Analyzed: 12/17/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB2-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714689

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5145.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 15 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB2-2-2.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714690

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5146.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 13 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

EPA SAMPLE NO.

SASUB2-2-2.5

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB2-2-2.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714690

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5146.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 13 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 6 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	27.59	17	J
2.	1 Unknown	29.15	87	J
3.	1 Unknown	29.81	19	J
4.	1 Unknown	29.97	12	J
5.	1 Unknown	31.16	12	J
6.	1 Unknown	33.76	52	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB3-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714691

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5147.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	<u>ug/Kg</u>
			Q
75-71-8	Dichlorodifluoromethane	2	U
74-87-3	Chloromethane	2	U
75-01-4	Vinyl Chloride	2	U
74-83-9	Bromomethane	3	U
75-00-3	Chloroethane	1	U
75-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	2	U
75-09-2	Methylene Chloride	9	
156-60-5	trans-1,2-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	1	U
594-20-7	2,2-Dichloropropane	2	U
156-59-2	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
74-97-5	Bromochloromethane	0.9	U
71-55-6	1,1,1-Trichloroethane	1	U
563-58-6	1,1-Dichloropropene	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	1	U
74-95-3	Dibromomethane	1	U
108-88-3	Toluene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
142-28-9	1,3-Dichloropropane	1	U
127-18-4	Tetrachloroethene	2	U
124-48-1	Chlorodibromomethane	0.9	U
108-90-7	Chlorobenzene	1	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
100-41-4	Ethylbenzene	2	U
106-42-3	m&p Xylenes	2	U

Contract:

SASUB3-0-0.5

SDG No.:

Lab Sample ID: #9714691

Lab File ID: VH8B5147.D

Date Received: 12/5/97

Date Analyzed: 12/17/97

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB3-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714691

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5147.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB3-1-1.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5148.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	4		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	6		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	1		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB3-1-1.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5148.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
95-47-6	o-Xylene	1		U
100-42-5	Styrene	1		U
75-25-2	Bromoform	1		U
98-82-8	Isopropylbenzene	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
96-18-4	1,2,3-Trichloropropane	1		U
103-65-1	n-Propylbenzene	1		U
108-86-1	Bromobenzene	1		U
108-67-8	1,3,5-Trimethylbenzene	1		U
95-49-8	2-Chlorotoluene	1		U
106-43-4	4-Chlorotoluene	2		U
98-06-6	tert-Butylbenzene	1		U
95-63-6	1,2,4-Trimethylbenzene	1		U
135-98-8	sec-Butylbenzene	1		U
99-87-6	p-Isopropyltoluene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U
104-51-8	n-Butylbenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
96-12-8	1,2-Dibromo-3-chloropropane	2		U
120-82-1	1,2,4-Trichlorobenzene	1		U
87-68-3	Hexachlorobutadiene	1		U
91-20-3	Naphthalene	2		U
87-61-6	1,2,3-Trichlorobenzene	1		U

030127

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB3-1-1.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5148.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	28.09	110	J
2.	1 Unknown	28.76	120	J
3.	Unknown Hydrocarbon	29.23	96	J
4.	1 Unknown	29.78	70	J
5.	Unknown Hydrocarbon	30.05	48	J
6.	Unknown Hydrocarbon	30.30	65	J
7.	1 Unknown	30.47	110	J
8.	1 Unknown	30.89	68	J
9.	1 Unknown	31.08	100	J
10.	1 Unknown	32.19	820	J
11.	1 Unknown	33.74	53	J
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030128

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-0-0.5RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714693RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5178.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

Lab Name: EA LABORATORIES

Contract:

SASUB4-0-0.5RE

Lab Code: EA ENG Case No.:

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714693RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5178.D

Level: (low/med) LOW

Date Received: 12/5/97

% Moisture: not dec. 12

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

0

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-0-0.5RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714693RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5178.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 8 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	21.79	17	J
2.	Unknown Hydrocarbon	22.18	23	J
3.	1 Unknown	23.01	9	J
4.	1 Unknown	24.89	13	J
5.	1 Unknown	27.48	8	J
6.	UnknownC11H14	28.06	14	J
7.	UnknownC11H14	28.48	27	J
8.	1 Unknown	29.43	11	J
9.				
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030149

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714693

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5151.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	5		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-0-0.5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714693

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5151.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 10

(ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	1 Unknown	21.79	12	J
2.	UnknownC9H16	22.17	17	J
3.	1 Unknown	23.03	8	J
4.	UnknownC11H14	28.04	13	J
5.	UnknownC11H14	28.46	13	J
6.	UnknownC11H14	29.38	10	J
7.	UnknownC11H14	29.72	28	J
8.	1 Unknown	30.49	10	J
9.	UnknownC11H14	30.85	10	J
10.	1 Unknown	33.74	8	J
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030166

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714694

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5154.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	3		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	3		
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	6		
106-42-3	m&p Xylenes	16		

030184

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-1.5-2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714694

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5154.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Hydrocarbon	21.47	69	J
2.	1 Unknown	21.80	57	J
3.	1 Unknown	22.16	74	J
4.	Unknown Hydrocarbon	22.26	76	J
5.	Unknown Hydrocarbon	24.84	69	J
6.	1 Unknown	25.92	74	J
7.	UnknownC10H14BENZENE	26.07	120	J
8.	1 Unknown	26.35	62	J
9.	1 Unknown	26.92	57	J
10.	1 Unknown	27.26	120	J
11.	UnknownC10H14BENZENE	27.77	63	J
12.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2RE

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG

Case No.: _____

Method: _____

SDG No.: _____

Matrix: (soil/water)

SOIL

Lab Sample ID: #9714694RE

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: VH8B5179.D

Level: (low/med)

LOW

Date Received: 12/5/97

% Moisture: not dec.

12

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____

(uL)

Soil Aliquot Volume: _____

(uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	8		
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	9		
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	9		
106-42-3	m&p Xylenes	18		

Lab Name: EA LABORATORIES

Contract:

SASUB4-1.5-2RE

Lab Code: EA ENG Case No.:

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714694RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5179.D

Level: (low/med) **LOW**

Date Received: 12/5/97

% Moisture: not dec. 12

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

0

[illegible]

Hy 1/28/98

030212

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-1.5-2RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714694RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5179.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 12 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Hydrocarbon	21.48	91	J
2.	1 Unknown	22.16	190	J
3.	UnknownC10H20	23.04	98	J
4.	1 Unknown	23.44	86	J
5.	1 Unknown	25.94	89	J
6.	1 Unknown	26.11	160	J
7.	1 Unknown	26.33	94	J
8.	1 Unknown	27.08	160	J
9.	1 Unknown	27.28	190	J
10.	Unknown Hydrocarbon	27.78	180	J
11.	UnknownC10H14BENZENE	28.70	170	J
12.				
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03021:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2DL

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG

Case No.: _____

Method: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: #9714694DL

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: VA1B5611.D

Level: (low/med) MED

Date Received: 12/5/97

% Moisture: not dec. 11

Date Analyzed: 12/23/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	280		U
74-87-3	Chloromethane	280		U
75-01-4	Vinyl Chloride	280		U
74-83-9	Bromomethane	420		U
75-00-3	Chloroethane	140		U
75-69-4	Trichlorofluoromethane	280		U
75-35-4	1,1-Dichloroethene	280		U
75-09-2	Methylene Chloride	140		U
156-60-5	trans-1,2-Dichloroethene	280		U
75-34-3	1,1-Dichloroethane	140		U
594-20-7	2,2-Dichloropropane	280		U
156-59-2	cis-1,2-Dichloroethene	140		U
67-66-3	Chloroform	140		U
74-97-5	Bromochloromethane	110		U
71-55-6	1,1,1-Trichloroethane	140		U
563-58-6	1,1-Dichloropropene	140		U
56-23-5	Carbon Tetrachloride	140		U
107-06-2	1,2-Dichloroethane	140		U
71-43-2	Benzene	140		U
79-01-6	Trichloroethene	130		U
78-87-5	1,2-Dichloropropane	560		U
75-27-4	Bromodichloromethane	130		U
74-95-3	Dibromomethane	140		U
108-88-3	Toluene	140		U
79-00-5	1,1,2-Trichloroethane	140		U
106-93-4	1,2-Dibromoethane (EDB)	130		U
142-28-9	1,3-Dichloropropane	140		U
127-18-4	Tetrachloroethene	280		U
124-48-1	Chlorodibromomethane	110		U
108-90-7	Chlorobenzene	130		U
630-20-6	1,1,1,2-Tetrachloroethane	140		U
100-41-4	Ethylbenzene	280		U
106-42-3	m&p Xylenes	280	260	U

*Below MDL
1/28/98*

SASUB4-1.5-2DL

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG Case No.: _____

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714694DL

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: VA1B5611.D

Level: (low/med) MED

Date Received: 12/5/97

% Moisture: not dec. 11

Date Analyzed: 12/23/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

Hy 1/28/98

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-1.5-2DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714694DL

Sample wt/vol: 4.0 (g/mL) G Lab File ID: VA1B5611.D

Level: (low/med) MED Date Received: 12/5/97

% Moisture: not dec. 11 Date Analyzed: 12/23/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number		Compound Name	RT	Est. Conc.	Q
1.	1	Unknown	21.91	5600	J
2.	1	Unknown	22.79	3000	J
3.		UnknownC10H14	25.64	6700	J
4.		UnknownC10H14BENZENE	25.81	17000	J
5.		UnknownC10H14BENZENE	26.57	3600	J
6.	1	Unknown	26.98	15000	J
7.		UnknownC10H14BENZENE	27.46	15000	J
8.		UnknownC10H14	28.35	9900	J
9.	1	Unknown	29.05	7400	J
10.	1	Unknown	30.99	6600	J
11.		UnknownC11H10	32.40	8600	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2DUP

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5153.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	45		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	10		
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	10		
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	3		
108-90-7	Chlorobenzene	4		
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	20		
106-42-3	m&p Xylenes	63		

Lab Name: EA LABORATORIES

Contract:

SASUB4-1.5-2DUP

Lab Code: EA ENG

Case No.:

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714695

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5153.D

Level: (low/med) **LOW**

Date Received: 12/5/97

% Moisture:	not dec.	10

Date Analyzed: 12/17/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

030263

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-1.5-2DUP

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5153.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	UnknownC8H16	19.10	80	J
2.	1 Unknown	20.52	59	J
3.	Unknown Hydrocarbon	21.47	100	J
4.	1 Unknown	21.81	73	J
5.	1 Unknown	22.18	110	J
6.	Unknown Hydrocarbon	22.29	130	J
7.	Unknown Hydrocarbon	22.56	65	J
8.	1 Unknown	23.04	48	J
9.	1120-21-4 Undecane	25.74	56	J
10.	1 Unknown	27.27	62	J
11.	17301-23-4 Undecane, 2,6-dimethyl-	28.10	63	J
12.				
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030264

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2DUPRE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5180.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	41		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.9		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	21		
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	1		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	20		
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	1		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.9		U
108-90-7	Chlorobenzene	1		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	43		
106-42-3	m&p Xylenes	130		

EPA SAMPLE NO.

SASUB4-1.5-2DUPRE

Lab Name: EA LABORATORIES

Contract:

Lab Code: EA ENG Case No.:

Case No.:

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714695RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5180.D

Level: (low/med) **LOW**

Date Received: 12/5/97

% Moisture:	not dec.	10

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SASUB4-1.5-2DUPR

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5180.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	UnknownC8H16	16.79	75	J
2.	UnknownC9H18	20.81	56	J
3.	Unknown Hydrocarbon	21.48	87	J
4.	1 Unknown	21.81	61	J
5.	1 Unknown	22.17	100	J
6.	UnknownC10H22	22.28	94	J
7.	UnknownC10H20	23.04	74	J
8.	1 Unknown	23.33	78	J
9.	Unknown Hydrocarbon	24.85	69	J
10.	Unknown Hydrocarbon	27.28	63	J
11.	Unknown Hydrocarbon	28.11	69	J
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030294

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB4-1.5-2DUPDL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695DL

Sample wt/vol: 4.0 (g/mL) G Lab File ID: VA1B5607.D

Level: (low/med) MED Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/23/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	280		U
74-87-3	Chloromethane	280		U
75-01-4	Vinyl Chloride	280		U
74-83-9	Bromomethane	420		U
75-00-3	Chloroethane	140		U
75-69-4	Trichlorofluoromethane	280		U
75-35-4	1,1-Dichloroethene	280		U
75-09-2	Methylene Chloride	140		U
156-60-5	trans-1,2-Dichloroethene	280		U
75-34-3	1,1-Dichloroethane	140		U
594-20-7	2,2-Dichloropropane	280		U
156-59-2	cis-1,2-Dichloroethene	140		U
67-66-3	Chloroform	140		U
74-97-5	Bromochloromethane	110		U
71-55-6	1,1,1-Trichloroethane	140		U
563-58-6	1,1-Dichloropropene	140		U
56-23-5	Carbon Tetrachloride	140		U
107-06-2	1,2-Dichloroethane	140		U
71-43-2	Benzene	140		U
79-01-6	Trichloroethene	130		U
78-87-5	1,2-Dichloropropane	560		U
75-27-4	Bromodichloromethane	130		U
74-95-3	Dibromomethane	140		U
108-88-3	Toluene	140		U
79-00-5	1,1,2-Trichloroethane	140		U
106-93-4	1,2-Dibromoethane (EDB)	130		U
142-28-9	1,3-Dichloropropane	140		U
127-18-4	Tetrachloroethene	280		U
124-48-1	Chlorodibromomethane	110		U
108-90-7	Chlorobenzene	130		U
630-20-6	1,1,1,2-Tetrachloroethane	140		U
100-41-4	Ethylbenzene	280		U
106-42-3	m&p Xylenes	380		

SASUB4-1.5-2DUPDL

Lab Name: EA LABORATORIES

Contract:

Lab Code: EA ENG

Case No.:

Method:

SDG No.:

Matrix: (soil/water)

SOIL

Lab Sample ID: #9714695DL

Sample wt/vol:

4.0

(g/mL)

G

Lab File ID: VA1B5607.D

Level: (low/med)

MED

Date Received: 12/5/97

% Moisture: not dec.

10

Date Analyzed: 12/23/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

10000 (uL)

Soil Aliquot Volume: 100 (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB4-1.5-2DUPD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714695DL

Sample wt/vol: 4.0 (g/mL) G Lab File ID: VA1B5607.D

Level: (low/med) MED Date Received: 12/5/97

% Moisture: not dec. 10 Date Analyzed: 12/23/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 15869-94-0	Octane, 3,6-dimethyl-	21.31	3100	J
2. 1	Unknown	21.96	5500	J
3.	Unknown Hydrocarbon	22.84	4000	J
4.	UnknownC10H14BENZENE	25.69	3700	J
5. 1	Unknown	25.86	12000	J
6. 1	Unknown	27.04	9100	J
7.	UnknownC10H14BENZENE	27.52	7600	J
8.	UnknownC10H14BENZENE	28.40	4900	J
9. 1	Unknown	31.04	2900	J
10.	UnknownC11H10	31.98	8400	J
11.	UnknownC11H10	32.46	4000	J
12.				
13.				
14.				
15.				
16.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VB712174

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5142.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.8		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	0.9		U
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	0.9		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	0.9		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.8		U
108-90-7	Chlorobenzene	0.9		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

EPA SAMPLE NO.

VBLK01

Contract:

SDG No.:

Lab Sample ID: VB712174

Lab File ID: VH8B5142.D

Date Received:

Date Analyzed: 12/17/97

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK01

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VB712174

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5142.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 Concentration Units: _____
(ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK02

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG

Case No.: _____

Method: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: VB712201

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5167.D

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. 0

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.8		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	0.9		U
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	0.9		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	0.9		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.8		U
108-90-7	Chlorobenzene	0.9		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

VBLK02

Contract:

Method:

SDG No.:

Lab Sample ID: VB712201

Lab File ID: VH8B5167.D

Date Received:

Date Analyzed: 12/20/97

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Q

030504

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VB712201

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5167.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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030505

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK03

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VB712234

Sample wt/vol: 4.0 (g/mL) G Lab File ID: VA1B5603.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/23/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	250		U
74-87-3	Chloromethane	250		U
75-01-4	Vinyl Chloride	250		U
74-83-9	Bromomethane	380		U
75-00-3	Chloroethane	130		U
75-69-4	Trichlorofluoromethane	250		U
75-35-4	1,1-Dichloroethene	250		U
75-09-2	Methylene Chloride	130		U
156-60-5	trans-1,2-Dichloroethene	250		U
75-34-3	1,1-Dichloroethane	130		U
594-20-7	2,2-Dichloropropane	250		U
156-59-2	cis-1,2-Dichloroethene	130		U
67-66-3	Chloroform	130		U
74-97-5	Bromochloromethane	100		U
71-55-6	1,1,1-Trichloroethane	130		U
563-58-6	1,1-Dichloropropene	130		U
56-23-5	Carbon Tetrachloride	130		U
107-06-2	1,2-Dichloroethane	130		U
71-43-2	Benzene	130		U
79-01-6	Trichloroethene	110		U
78-87-5	1,2-Dichloropropane	500		U
75-27-4	Bromodichloromethane	110		U
74-95-3	Dibromomethane	130		U
108-88-3	Toluene	130		U
79-00-5	1,1,2-Trichloroethane	130		U
106-93-4	1,2-Dibromoethane (EDB)	110		U
142-28-9	1,3-Dichloropropane	130		U
127-18-4	Tetrachloroethene	250		U
124-48-1	Chlorodibromomethane	100		U
108-90-7	Chlorobenzene	110		U
630-20-6	1,1,1,2-Tetrachloroethane	130		U
100-41-4	Ethylbenzene	250		U
106-42-3	m&p Xylenes	250		U

VBLK03

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG Case No.:

Method: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: VB712234

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: VA1B5603.D

Level: (low/med) MED

Date Received: _____

% Moisture: not dec. 0

Date Analyzed: 12/23/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK03

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VB712234

Sample wt/vol: 4.0 (g/mL) G Lab File ID: VA1B5603.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/23/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB3-1-1.5MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5149.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	65		
74-87-3	Chloromethane	65		
75-01-4	Vinyl Chloride	69		
74-83-9	Bromomethane	65		
75-00-3	Chloroethane	82		
75-69-4	Trichlorofluoromethane	69		
75-35-4	1,1-Dichloroethene	65		
75-09-2	Methylene Chloride	74		
156-60-5	trans-1,2-Dichloroethene	60		
75-34-3	1,1-Dichloroethane	72		
594-20-7	2,2-Dichloropropane	70		
156-59-2	cis-1,2-Dichloroethene	70		
67-66-3	Chloroform	72		
74-97-5	Bromochloromethane	70		
71-55-6	1,1,1-Trichloroethane	67		
563-58-6	1,1-Dichloropropene	51		
56-23-5	Carbon Tetrachloride	49		
107-06-2	1,2-Dichloroethane	68		
71-43-2	Benzene	61		
79-01-6	Trichloroethene	51		
78-87-5	1,2-Dichloropropane	68		
75-27-4	Bromodichloromethane	63		
74-95-3	Dibromomethane	70		
108-88-3	Toluene	55		
79-00-5	1,1,2-Trichloroethane	66		
106-93-4	1,2-Dibromoethane (EDB)	64		
142-28-9	1,3-Dichloropropane	81		
127-18-4	Tetrachloroethene	37		
124-48-1	Chlorodibromomethane	68		
108-90-7	Chlorobenzene	58		
630-20-6	1,1,1,2-Tetrachloroethane	67		
100-41-4	Ethylbenzene	55		
106-42-3	m&p Xylenes	100		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB3-1-1.5MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5149.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUB3-1-1.5MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5150.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	66		
74-87-3	Chloromethane	72		
75-01-4	Vinyl Chloride	64		
74-83-9	Bromomethane	64		
75-00-3	Chloroethane	75		
75-69-4	Trichlorofluoromethane	67		
75-35-4	1,1-Dichloroethene	68		
75-09-2	Methylene Chloride	81		
156-60-5	trans-1,2-Dichloroethene	63		
75-34-3	1,1-Dichloroethane	72		
594-20-7	2,2-Dichloropropane	70		
156-59-2	cis-1,2-Dichloroethene	72		
67-66-3	Chloroform	75		
74-97-5	Bromochloromethane	74		
71-55-6	1,1,1-Trichloroethane	68		
563-58-6	1,1-Dichloropropene	47		
56-23-5	Carbon Tetrachloride	48		
107-06-2	1,2-Dichloroethane	71		
71-43-2	Benzene	62		
79-01-6	Trichloroethene	48		
78-87-5	1,2-Dichloropropane	69		
75-27-4	Bromodichloromethane	64		
74-95-3	Dibromomethane	69		
108-88-3	Toluene	49		
79-00-5	1,1,2-Trichloroethane	63		
106-93-4	1,2-Dibromoethane (EDB)	62		
142-28-9	1,3-Dichloropropane	79		
127-18-4	Tetrachloroethene	35		
124-48-1	Chlorodibromomethane	68		
108-90-7	Chlorobenzene	58		
630-20-6	1,1,1,2-Tetrachloroethane	67		
100-41-4	Ethylbenzene	50		
106-42-3	m&p Xylenes	100		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUB3-1-1.5MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714692MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5150.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 17 Date Analyzed: 12/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ Method: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714767

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5173.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 3 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	2		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	1		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	1		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	1		U
594-20-7	2,2-Dichloropropane	2		U
156-59-2	cis-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
74-97-5	Bromochloromethane	0.8		U
71-55-6	1,1,1-Trichloroethane	1		U
563-58-6	1,1-Dichloropropene	1		U
56-23-5	Carbon Tetrachloride	1		U
107-06-2	1,2-Dichloroethane	1		U
71-43-2	Benzene	1		U
79-01-6	Trichloroethene	0.9		U
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	0.9		U
74-95-3	Dibromomethane	1		U
108-88-3	Toluene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
106-93-4	1,2-Dibromoethane (EDB)	0.9		U
142-28-9	1,3-Dichloropropane	1		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	0.8		U
108-90-7	Chlorobenzene	0.9		U
630-20-6	1,1,1,2-Tetrachloroethane	1		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

030533

1A

REFERENCE

Lab Name: EA LABORATORIES

Contract:

Lab Code: EA ENG

Case No.: _____

Method:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: #9714767

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VH8B5173.D

Level: (low/med) LOW

Date Received: 12/5/97

% Moisture: not dec. 3

Date Analyzed: 12/20/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

 $\mu\text{g/Kg}$

Q

[illegible]

030534

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9714767

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B5173.D

Level: (low/med) LOW Date Received: 12/5/97

% Moisture: not dec. 3 Date Analyzed: 12/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUBFB

Lab Name: EA LABORATORIES

Contract: _____

Lab Code: EA ENG

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: #9714696

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: VA1B5538.D

Level: (low/med) _____

Date Received: 12/5/97

% Moisture: not dec. 0

Date Analyzed: 12/16/97

GC Column: RTX 502.2

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/L	
75-71-8	Dichlorodifluoromethane	3		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	3		
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	2		U
594-20-7	2,2-Dichloropropane	3		U
156-59-2	cis-1,2-Dichloroethene	2		U
67-66-3	Chloroform	10		
74-97-5	Bromochloromethane	6		U
71-55-6	1,1,1-Trichloroethane	2		U
563-58-6	1,1-Dichloropropene	2		U
56-23-5	Carbon Tetrachloride	7		U
107-06-2	1,2-Dichloroethane	2		U
71-43-2	Benzene	2		U
79-01-6	Trichloroethene	2		U
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
74-95-3	Dibromomethane	2		U
108-88-3	Toluene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
106-93-4	1,2-Dibromoethane (EDB)	2		U
142-28-9	1,3-Dichloropropane	2		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	2		U
108-90-7	Chlorobenzene	2		U
630-20-6	1,1,1,2-Tetrachloroethane	2		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

Lab Name: EA LABORATORIES

Contract:

SASUBFB

Lab Code: EA ENG

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water)

WATER

Lab Sample ID: #9714696

Sample wt/vol:

5.0

(g/mL)

ML

Lab File ID: VA1B5538.D

Level: (low/med)

Date Received: 12/5/97

% Moisture: not dec.

0

Date Analyzed: 12/16/97

GC Column: RTX 502.2

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

0

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SASUBFB

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714696

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1B5538.D

Level: (low/med) _____ Date Received: 12/5/97

% Moisture: not dec. 0 Date Analyzed: 12/16/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

Concentration Units:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SASUBTRIPBLANK

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714697

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1B5539.D

Level: (low/med) _____ Date Received: 12/5/97

% Moisture: not dec. 0 Date Analyzed: 12/16/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/L	
75-71-8	Dichlorodifluoromethane	3		U
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-69-4	Trichlorofluoromethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-09-2	Methylene Chloride	2		U
156-60-5	trans-1,2-Dichloroethene	2		U
75-34-3	1,1-Dichloroethane	2		U
594-20-7	2,2-Dichloropropane	3		U
156-59-2	cis-1,2-Dichloroethene	2		U
67-66-3	Chloroform	2		U
74-97-5	Bromochloromethane	6		U
71-55-6	1,1,1-Trichloroethane	2		U
563-58-6	1,1-Dichloropropene	2		U
56-23-5	Carbon Tetrachloride	7		U
107-06-2	1,2-Dichloroethane	2		U
71-43-2	Benzene	2		U
79-01-6	Trichloroethene	2		U
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
74-95-3	Dibromomethane	2		U
108-88-3	Toluene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
106-93-4	1,2-Dibromoethane (EDB)	2		U
142-28-9	1,3-Dichloropropane	2		U
127-18-4	Tetrachloroethene	2		U
124-48-1	Chlorodibromomethane	2		U
108-90-7	Chlorobenzene	2		U
630-20-6	1,1,1,2-Tetrachloroethane	2		U
100-41-4	Ethylbenzene	2		U
106-42-3	m&p Xylenes	2		U

EPA SAMPLE NO.

SASUBTRIPBLANK

Lab Name: EA LABORATORIES

Contract:

Lab Code: EA ENG

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water)

WATER

Lab Sample ID: #9714697

Sample wt/vol:

5.0

(g/mL) ML

Lab File ID: VA1B5539.D

Level: (low/med)

Date Received: 12/5/97

% Moisture: not dec.

0

Date Analyzed: 12/16/97

GC Column: RTX 502.2

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

Q

[illegible]

040021

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SASUBTRIPBLANK

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714697

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1B5539.D

Level: (low/med) _____ Date Received: 12/5/97

% Moisture: not dec. 0 Date Analyzed: 12/16/97

GC Column: RTX 502.2 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

Number TICs found: 0

CAS Number	Compound Name	RT	Est. Conc.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

3A-SUB-
1-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6175

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	130	U
95-57-8-----	2-Chlorophenol	130	U
541-73-1-----	1,3-Dichlorobenzene	130	U
106-46-7-----	1,4-Dichlorobenzene	120	U
100-51-6-----	Benzyl alcohol	95	U
95-50-1-----	1,2-Dichlorobenzene	130	U
95-48-7-----	2-Methylphenol	110	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	270	U
106-44-5-----	4-Methylphenol	120	U
621-64-7-----	N-Nitroso-Di-n-propylamine	120	U
67-72-1-----	Hexachloroethane	130	U
98-95-3-----	Nitrobenzene	120	U
78-59-1-----	Isophorone	120	U
88-75-5-----	2-Nitrophenol	120	U
105-67-9-----	2,4-Dimethylphenol	110	U
65-85-0-----	Benzoic acid	230	U
111-91-1-----	bis(2-Chloroethoxy)methane	120	U
120-83-2-----	2,4-Dichlorophenol	95	U
120-82-1-----	1,2,4-Trichlorobenzene	120	U
91-20-3-----	Naphthalene	120	U
106-47-8-----	4-Chloroaniline	99	U
87-68-3-----	Hexachlorobutadiene	130	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	130	U
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	110	U
95-95-4-----	2,4,5-Trichlorophenol	120	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	98	U
208-96-8-----	Acenaphthylene	140	
99-09-2-----	3-Nitroaniline	110	U
83-32-9-----	Acenaphthene	350	
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-SUB-
1-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6175

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

100-02-7-----	4-Nitrophenol	100	U
132-64-9-----	Dibenzofuran	200	
121-14-2-----	2,4-Dinitrotoluene	130	U
606-20-2-----	2,6-Dinitrotoluene	130	U
84-66-2-----	Diethylphthalate	100	U
7005-72-3-----	4-Chlorophenyl-phenylether	150	U
86-73-7-----	Fluorene	330	
100-01-6-----	4-Nitroaniline	90	U
534-52-1-----	4,6-Dinitro-2-methylphenol	280	U
86-30-6-----	N-Nitrosodiphenylamine	100	U
101-55-3-----	4-Bromophenyl-phenylether	140	U
118-74-1-----	Hexachlorobenzene	130	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	3100	
120-12-7-----	Anthracene	1100	
84-74-2-----	Di-n-butyl phthalate	170	U
206-44-0-----	Fluoranthene	3700	
129-00-0-----	Pyrene	5800	E
85-68-7-----	Butylbenzyl phthalate	100	U
91-94-1-----	3,3'-Dichlorobenzidine	83	U
56-55-3-----	Benz[a]anthracene	3500	
117-81-7-----	bis(2-Ethylhexyl)phthalate	110	U
218-01-9-----	Chrysene	3000	
117-84-0-----	Di-n-octyl phthalate	99	U
205-99-2-----	Benzo[b]fluoranthene	4300	
207-08-9-----	Benzo[k]fluoranthene	1700	
50-32-8-----	Benzo[a]pyrene	3300	
193-39-5-----	Indeno[1,2,3-cd]pyrene	1700	
53-70-3-----	Dibenz[ah]anthracene	530	
191-24-2-----	Benzo[ghi]perylene	1800	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
1-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6175

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

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

Number TICS found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	9.76	240	J
2.-----	Unknown	10.24	500	J
3.-----	Unknown	10.59	480	J
4.-----	Unknown	10.67	230	J
5.-----	Unknown	11.22	230	J
6.-----	Unknown	11.28	240	J
7.-----	Unknown	11.61	410	J
8.-----	Unknown	11.84	310	J
9.-----	Unknown	12.23	480	J
10.-----	Unknown	12.35	820	J
11.-----	Unknown	12.64	1500	J
12.-----	Unknown	12.71	320	J
13.-----	Unknown	12.92	500	J
14.-----	Unknown	13.04	520	J
15.-----	Unknown	13.51	820	J
16.-----	Unknown	13.58	370	J
17.-----	Unknown	13.65	730	J
18.-----	Unknown	14.56	1100	J
19.-----	Unknown C10H5Cl3	15.33	2200	J
20.-----	Unknown C20H12 PAH	23.64	4700	J
21.-----	Unknown	25.30	2700	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-545-
1-0-0.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6210

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	210	U
111-44-4-----	bis-(2-Chloroethyl) ether	260	U
95-57-8-----	2-Chlorophenol	260	U
541-73-1-----	1,3-Dichlorobenzene	260	U
106-46-7-----	1,4-Dichlorobenzene	230	U
100-51-6-----	Benzyl alcohol	190	U
95-50-1-----	1,2-Dichlorobenzene	260	U
95-48-7-----	2-Methylphenol	210	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	530	U
106-44-5-----	4-Methylphenol	230	U
621-64-7-----	N-Nitroso-Di-n-propylamine	230	U
67-72-1-----	Hexachloroethane	260	U
98-95-3-----	Nitrobenzene	230	U
78-59-1-----	Isophorone	230	U
88-75-5-----	2-Nitrophenol	230	U
105-67-9-----	2,4-Dimethylphenol	210	U
65-85-0-----	Benzoic acid	470	U
111-91-1-----	bis(2-Chloroethoxy)methane	230	U
120-83-2-----	2,4-Dichlorophenol	190	U
120-82-1-----	1,2,4-Trichlorobenzene	230	U
91-20-3-----	Naphthalene	230	U
106-47-8-----	4-Chloroaniline	200	U
87-68-3-----	Hexachlorobutadiene	260	U
59-50-7-----	4-Chloro-3-methylphenol	220	U
91-57-6-----	2-Methylnaphthalene	260	U
77-47-4-----	Hexachlorocyclopentadiene	220	U
88-06-2-----	2,4,6-Trichlorophenol	210	U
95-95-4-----	2,4,5-Trichlorophenol	230	U
91-58-7-----	2-Chloronaphthalene	280	U
88-74-4-----	2-Nitroaniline	220	U
131-11-3-----	Dimethylphthalate	200	U
208-96-8-----	Acenaphthylene	230	U
99-09-2-----	3-Nitroaniline	210	U
83-32-9-----	Acenaphthene	350	U
51-28-5-----	2,4-Dinitrophenol	440	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~GA-500~~
1-0-0.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6210

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	200	U
132-64-9-----	Dibenzofuran	300	U
121-14-2-----	2,4-Dinitrotoluene	260	U
606-20-2-----	2,6-Dinitrotoluene	260	U
84-66-2-----	Diethylphthalate	200	U
7005-72-3-----	4-Chlorophenyl-phenylether	300	U
86-73-7-----	Fluorene	350	D
100-01-6-----	4-Nitroaniline	180	U
534-52-1-----	4,6-Dinitro-2-methylphenol	560	U
86-30-6-----	N-Nitrosodiphenylamine	200	U
101-55-3-----	4-Bromophenyl-phenylether	280	U
118-74-1-----	Hexachlorobenzene	260	U
87-86-5-----	Pentachlorophenol	330	U
85-01-8-----	Phenanthrene	4200	D
120-12-7-----	Anthracene	1200	D
84-74-2-----	Di-n-butyl phthalate	350	U
206-44-0-----	Fluoranthene	5900	D
129-00-0-----	Pyrene	7200	D
85-68-7-----	Butylbenzyl phthalate	210	U
91-94-1-----	3,3'-Dichlorobenzidine	170	U
56-55-3-----	Benz[a]anthracene	3800	D
117-81-7-----	bis(2-Ethylhexyl)phthalate	220	U
218-01-9-----	Chrysene	3300	D
117-84-0-----	Di-n-octyl phthalate	200	U
205-99-2-----	Benzo[b]fluoranthene	4600	D
207-08-9-----	Benzo[k]fluoranthene	1800	D
50-32-8-----	Benzo[a]pyrene	3600	D
193-39-5-----	Indeno[1,2,3-cd]pyrene	2000	D
53-70-3-----	Dibenz[ah]anthracene	580	D
191-24-2-----	Benzo[ghi]perylene	2100	D

aus
1/20/98

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-Sub-
1-0-0.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714687

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6210

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N) N

pH: _____

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

Number TICS found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	10.23	480	JD
2.-----	Unknown	11.61	570	JD
3.-----	Unknown	12.23	660	JD
4.-----	Unknown	12.35	650	JD
5.-----	Unknown	12.54	740	JD
6.-----	Unknown	12.64	2100	JD
7.-----	Unknown	12.71	480	JD
8.-----	Unknown	13.03	710	JD
9.-----	Unknown	13.50	1100	JD
10.-----	Unknown	13.64	1000	JD
11.-----	Unknown hydrocarbon	14.55	780	JD
12.-----	Unknown	14.65	740	JD
13.-----	Unknown C10H5Cl3	15.31	1900	JD
14.-----	Unknown C10H4Cl4	16.45	2600	JD
15.-----	Unknown C15H12 PAH	16.88	1500	JD
16.-----	Unknown C10H4Cl4	17.68	790	JD
17.-----	Unknown	18.53	2200	JD
18.-----	Unknown C18H12 PAH	21.34	490	JD
19.-----	Unknown C20H12 PAH	23.63	4000	JD
20.-----	Unknown	25.29	2600	JD
21.-----	Unknown	26.39	1500	JD

aus 1/26/98

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-SUB-
1-2-2.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714688

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6213

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

108-95-2-----	Phenol	110	U
111-44-4-----	bis-(2-Chloroethyl) ether	140	U
95-57-8-----	2-Chlorophenol	140	U
541-73-1-----	1,3-Dichlorobenzene	140	U
106-46-7-----	1,4-Dichlorobenzene	120	U
100-51-6-----	Benzyl alcohol	100	U
95-50-1-----	1,2-Dichlorobenzene	140	U
95-48-7-----	2-Methylphenol	110	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	290	U
106-44-5-----	4-Methylphenol	120	U
621-64-7-----	N-Nitroso-Di-n-propylamine	120	U
67-72-1-----	Hexachloroethane	140	U
98-95-3-----	Nitrobenzene	120	U
78-59-1-----	Isophorone	120	U
88-75-5-----	2-Nitrophenol	120	U
105-67-9-----	2,4-Dimethylphenol	120	U
65-85-0-----	Benzoic acid	250	U
111-91-1-----	bis(2-Chloroethoxy)methane	120	U
120-83-2-----	2,4-Dichlorophenol	100	U
120-82-1-----	1,2,4-Trichlorobenzene	120	U
91-20-3-----	Naphthalene	120	U
106-47-8-----	4-Chloroaniline	110	U
87-68-3-----	Hexachlorobutadiene	140	U
59-50-7-----	4-Chloro-3-methylphenol	120	U
91-57-6-----	2-Methylnaphthalene	140	U
77-47-4-----	Hexachlorocyclopentadiene	120	U
88-06-2-----	2,4,6-Trichlorophenol	120	U
95-95-4-----	2,4,5-Trichlorophenol	120	U
91-58-7-----	2-Chloronaphthalene	150	U
88-74-4-----	2-Nitroaniline	120	U
131-11-3-----	Dimethylphthalate	100	U
208-96-8-----	Acenaphthylene	120	U
99-09-2-----	3-Nitroaniline	110	U
83-32-9-----	Acenaphthene	530	
51-28-5-----	2,4-Dinitrophenol	240	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
1-2-2.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714688

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6213

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	110	U
132-64-9-----	Dibenzofuran	160	U
121-14-2-----	2,4-Dinitrotoluene	140	U
606-20-2-----	2,6-Dinitrotoluene	140	U
84-66-2-----	Diethylphthalate	110	U
7005-72-3-----	4-Chlorophenyl-phenylether	160	U
86-73-7-----	Fluorene	390	
100-01-6-----	4-Nitroaniline	96	U
534-52-1-----	4,6-Dinitro-2-methylphenol	300	U
86-30-6-----	N-Nitrosodiphenylamine	110	U
101-55-3-----	4-Bromophenyl-phenylether	150	U
118-74-1-----	Hexachlorobenzene	140	U
87-86-5-----	Pentachlorophenol	180	U
85-01-8-----	Phenanthrene	300	
120-12-7-----	Anthracene	350	
84-74-2-----	Di-n-butyl phthalate	190	U
206-44-0-----	Fluoranthene	600	
129-00-0-----	Pyrene	520	
85-68-7-----	Butylbenzyl phthalate	110	U
91-94-1-----	3,3'-Dichlorobenzidine	89	U
56-55-3-----	Benz[a]anthracene	360	
117-81-7-----	bis(2-Ethylhexyl)phthalate	120	U
218-01-9-----	Chrysene	480	
117-84-0-----	Di-n-octyl phthalate	110	U
205-99-2-----	Benzo[b]fluoranthene	720	
207-08-9-----	Benzo[k]fluoranthene	210	
50-32-8-----	Benzo[a]pyrene	510	
193-39-5-----	Indeno[1,2,3-cd]pyrene	310	
53-70-3-----	Dibenz[ah]anthracene	160	U
191-24-2-----	Benzo[ghi]perylene	440	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-SUB-
1-2-2.5

Lab Name: EA LABS

Contract: .

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714688

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6213

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Number TICS found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	7.92	770	J
2.-----	Unknown	8.12	1200	J
3.-----	Unknown	8.67	810	J
4.-----	Unknown	8.82	800	J
5.-----	Unknown C12H22	9.16	700	J
6.-----	Unknown	9.42	1200	J
7.-----	Unknown	9.77	1200	J
8.-----	Unknown	10.24	2200	J
9.-----	Unknown	10.44	760	J
10.-----	Unknown	10.58	1600	J
11.-----	Unknown	10.95	800	J
12.-----	Unknown	11.30	1500	J
13.-----	Decahydro-4,4,8,9,10-pentame	11.64	2100	JN
14.-----	Unknown	11.79	930	J
15.-----	Unknown	11.86	1600	J
16.-----	Unknown	12.26	1800	J
17.-----	Unknown	12.57	2300	J
18.-----	Unknown	12.67	4800	J
19.-----	Unknown	12.75	1200	J
20.-----	Unknown	13.69	1900	J
21.-----	Unknown	22.29	1700	J
22.-----	Unknown	25.29	1700	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub
2-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714689

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6214

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	130	U
95-57-8-----	2-Chlorophenol	130	U
541-73-1-----	1,3-Dichlorobenzene	130	U
106-46-7-----	1,4-Dichlorobenzene	120	U
100-51-6-----	Benzyl alcohol	96	U
95-50-1-----	1,2-Dichlorobenzene	130	U
95-48-7-----	2-Methylphenol	110	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	270	U
106-44-5-----	4-Methylphenol	120	U
621-64-7-----	N-Nitroso-Di-n-propylamine	120	U
67-72-1-----	Hexachloroethane	130	U
98-95-3-----	Nitrobenzene	120	U
78-59-1-----	Isophorone	120	U
88-75-5-----	2-Nitrophenol	120	U
105-67-9-----	2,4-Dimethylphenol	110	U
65-85-0-----	Benzoic acid	240	U
111-91-1-----	bis(2-Chloroethoxy)methane	120	U
120-83-2-----	2,4-Dichlorophenol	96	U
120-82-1-----	1,2,4-Trichlorobenzene	120	U
91-20-3-----	Naphthalene	260	
106-47-8-----	4-Chloroaniline	100	U
87-68-3-----	Hexachlorobutadiene	130	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	520	
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	110	U
95-95-4-----	2,4,5-Trichlorophenol	120	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	99	U
208-96-8-----	Acenaphthylene	110	U
99-09-2-----	3-Nitroaniline	110	U
83-32-9-----	Acenaphthene	160	U
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~SA-SUD~~
2-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714689

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6214

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	100	U
132-64-9-----	Dibenzofuran	150	U
121-14-2-----	2,4-Dinitrotoluene	130	U
606-20-2-----	2,6-Dinitrotoluene	130	U
84-66-2-----	Diethylphthalate	100	U
7005-72-3-----	4-Chlorophenyl-phenylether	150	U
86-73-7-----	Fluorene	180	U
100-01-6-----	4-Nitroaniline	91	U
534-52-1-----	4,6-Dinitro-2-methylphenol	280	U
86-30-6-----	N-Nitrosodiphenylamine	100	U
101-55-3-----	4-Bromophenyl-phenylether	140	U
118-74-1-----	Hexachlorobenzene	130	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	270	
120-12-7-----	Anthracene	140	U
84-74-2-----	Di-n-butyl phthalate	180	U
206-44-0-----	Fluoranthene	310	
129-00-0-----	Pyrene	460	
85-68-7-----	Butylbenzyl phthalate	100	U
91-94-1-----	3,3'-Dichlorobenzidine	84	U
56-55-3-----	Benz[a]anthracene	280	
117-81-7-----	bis(2-Ethylhexyl)phthalate	110	U
218-01-9-----	Chrysene	260	
117-84-0-----	Di-n-octyl phthalate	100	U
205-99-2-----	Benzo[b]fluoranthene	440	
207-08-9-----	Benzo[k]fluoranthene	120	
50-32-8-----	Benzo[a]pyrene	290	
193-39-5-----	Indeno[1,2,3-cd]pyrene	210	
53-70-3-----	Dibenz[ah]anthracene	150	U
191-24-2-----	Benzo[ghi]perylene	310	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-sub-
2-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714689

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6214

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Number TICS found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.124-18-5----	Decane	6.72	300	JN
2.1120-21-4----	Undecane	8.09	450	JN
3.-----	Unknown hydrocarbon C13H28	9.53	380	J
4.-----	Unknown hydrocarbon	10.17	250	J
-----	Unknown hydrocarbon	10.26	940	J
5.629-50-5----	Tridecane	10.59	1500	JN
7.-----	Unknown hydrocarbon	10.79	250	J
8.-----	Unknown C11H10	10.92	330	J
9.629-59-4----	Tetradecane	11.73	1000	JN
10.-----	Unknown C12H12	11.86	230	J
11.-----	Unknown hydrocarbon	12.39	790	J
12.-----	Unknown	12.90	240	J
13.-----	Unknown hydrocarbon	13.46	250	J
14.544-76-3----	Hexadecane	13.83	570	JN
15.-----	Unknown hydrocarbon	14.28	430	J
16.-----	Unknown hydrocarbon	14.82	1900	J
17.-----	Unknown hydrocarbon	15.71	400	J
18.-----	Unknown hydrocarbon	16.58	320	J
19.-----	Unknown	16.91	580	J
20.-----	Unknown hydrocarbon	17.42	470	J
21.-----	Unknown	24.77	1600	J
22.-----	Unknown	25.30	1100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~SA-Sub~~
2-2-2.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6215

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	130	U
95-57-8-----	2-Chlorophenol	130	U
541-73-1-----	1,3-Dichlorobenzene	130	U
106-46-7-----	1,4-Dichlorobenzene	110	U
100-51-6-----	Benzyl alcohol	94	U
95-50-1-----	1,2-Dichlorobenzene	130	U
95-48-7-----	2-Methylphenol	100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5-----	4-Methylphenol	110	U
621-64-7-----	N-Nitroso-Di-n-propylamine	110	U
67-72-1-----	Hexachloroethane	130	U
98-95-3-----	Nitrobenzene	110	U
78-59-1-----	Isophorone	110	U
88-75-5-----	2-Nitrophenol	110	U
105-67-9-----	2,4-Dimethylphenol	110	U
65-85-0-----	Benzoic acid	230	U
111-91-1-----	bis(2-Chloroethoxy)methane	110	U
120-83-2-----	2,4-Dichlorophenol	94	U
120-82-1-----	1,2,4-Trichlorobenzene	110	U
91-20-3-----	Naphthalene	110	U
106-47-8-----	4-Chloroaniline	98	U
87-68-3-----	Hexachlorobutadiene	130	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	130	U
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	110	U
95-95-4-----	2,4,5-Trichlorophenol	110	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	97	U
208-96-8-----	Acenaphthylene	110	U
99-09-2-----	3-Nitroaniline	100	U
83-32-9-----	Acenaphthene	160	U
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub
2-2-2.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6215

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	100	U
132-64-9-----	Dibenzofuran	150	U
121-14-2-----	2,4-Dinitrotoluene	130	U
606-20-2-----	2,6-Dinitrotoluene	130	U
84-66-2-----	Diethylphthalate	100	U
7005-72-3-----	4-Chlorophenyl-phenylether	150	U
86-73-7-----	Fluorene	170	U
100-01-6-----	4-Nitroaniline	89	U
534-52-1-----	4,6-Dinitro-2-methylphenol	280	U
86-30-6-----	N-Nitrosodiphenylamine	100	U
101-55-3-----	4-Bromophenyl-phenylether	140	U
118-74-1-----	Hexachlorobenzene	130	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	210	
120-12-7-----	Anthracene	140	U
84-74-2-----	Di-n-butyl phthalate	170	U
206-44-0-----	Fluoranthene	870	
129-00-0-----	Pyrene	1200	
85-68-7-----	Butylbenzyl phthalate	100	U
91-94-1-----	3,3'-Dichlorobenzidine	82	U
56-55-3-----	Benz[a]anthracene	870	
117-81-7-----	bis(2-Ethylhexyl)phthalate	9000	E
218-01-9-----	Chrysene	700	
117-84-0-----	Di-n-octyl phthalate	98	U
205-99-2-----	Benzo[b]fluoranthene	960	
207-08-9-----	Benzo[k]fluoranthene	350	
50-32-8-----	Benzo[a]pyrene	720	
193-39-5-----	Indeno[1,2,3-cd]pyrene	430	
53-70-3-----	Dibenz[ah]anthracene	150	U
191-24-2-----	Benzo[ghi]perylene	470	

050194

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA Sub
2-2-2.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6215

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 22

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.541-02-6----	Cyclopentasiloxane, decameth	8.43	740	JN
2.-----	Unknown	9.76	290	J
3.-----	Unknown hydrocarbon	10.25	790	J
4.540-97-6----	Cyclohexasiloxane, dodecamet	10.50	550	JN
5.629-50-5----	Tridecane	10.60	990	JN
6.-----	Unknown	10.67	280	J
7.-----	Unknown	10.80	290	J
8.-----	Unknown	11.62	630	J
9.-----	Unknown hydrocarbon	11.74	530	J
10.-----	Unknown	12.23	450	J
11.-----	Unknown	12.36	300	J
12.-----	Unknown hydrocarbon	12.39	380	J
13.-----	Unknown	12.55	500	J
14.-----	Unknown	12.64	1600	J
15.-----	Unknown	12.71	390	J
16.-----	Unknown	12.91	370	J
17.-----	Unknown	13.04	290	J
18.-----	Unknown	13.50	710	J
19.-----	Unknown	13.58	270	J
20.-----	Unknown	13.64	590	J
21.-----	Unknown hydrocarbon	14.83	680	J
22.-----	Unknown C20H12 PAH	23.62	970	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~SA-SUB-~~
2-2-2.5DL

I Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6209

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q
108-95-2-----	Phenol	410	U
111-44-4-----	bis-(2-Chloroethyl) ether	510	U
95-57-8-----	2-Chlorophenol	510	U
541-73-1-----	1,3-Dichlorobenzene	510	U
106-46-7-----	1,4-Dichlorobenzene	460	U
100-51-6-----	Benzyl alcohol	380	U
95-50-1-----	1,2-Dichlorobenzene	510	U
95-48-7-----	2-Methylphenol	420	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	1100	U
106-44-5-----	4-Methylphenol	460	U
621-64-7-----	N-Nitroso-Di-n-propylamine	460	U
67-72-1-----	Hexachloroethane	510	U
98-95-3-----	Nitrobenzene	460	U
78-59-1-----	Isophorone	460	U
88-75-5-----	2-Nitrophenol	460	U
105-67-9-----	2,4-Dimethylphenol	420	U
65-85-0-----	Benzoic acid	920	U
111-91-1-----	bis(2-Chloroethoxy)methane	460	U
120-83-2-----	2,4-Dichlorophenol	380	U
120-82-1-----	1,2,4-Trichlorobenzene	460	U
91-20-3-----	Naphthalene	460	U
106-47-8-----	4-Chloroaniline	390	U
87-68-3-----	Hexachlorobutadiene	510	U
59-50-7-----	4-Chloro-3-methylphenol	440	U
91-57-6-----	2-Methylnaphthalene	510	U
77-47-4-----	Hexachlorocyclopentadiene	440	U
88-06-2-----	2,4,6-Trichlorophenol	420	U
95-95-4-----	2,4,5-Trichlorophenol	460	U
91-58-7-----	2-Chloronaphthalene	550	U
88-74-4-----	2-Nitroaniline	440	U
131-11-3-----	Dimethylphthalate	390	U
208-96-8-----	Acenaphthylene	450	U
99-09-2-----	3-Nitroaniline	420	U
83-32-9-----	Acenaphthene	640	U
51-28-5-----	2,4-Dinitrophenol	870	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~5A-500~~
2-2-2.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6209

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	600	U
121-14-2	2,4-Dinitrotoluene	510	U
606-20-2	2,6-Dinitrotoluene	510	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	600	U
86-73-7	Fluorene	690	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	550	U
118-74-1	Hexachlorobenzene	510	U
87-86-5	Pentachlorophenol	640	U
85-01-8	Phenanthrene	600	U
120-12-7	Anthracene	550	U
84-74-2	Di-n-butyl phthalate	690	U
206-44-0	Fluoranthene	1300	U
129-00-0	Pyrene	1500	U
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benz[a]anthracene	950	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
218-01-9	Chrysene	860	U
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	530	U
50-32-8	Benzo[a]pyrene	950	U
193-39-5	Indeno[1,2,3-cd]pyrene	510	U
53-70-3	Dibenz[ah]anthracene	600	U
191-24-2	Benzo[ghi]perylene	550	U

aus
1/2/98

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
2-2-2.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6209

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon	10.24	920	JD
2.-----	Unknown hydrocarbon	10.59	1200	JD
3.-----	Unknown	11.61	1200	JD
4.-----	Unknown hydrocarbon	11.73	1100	JD
5.-----	Unknown	12.23	890	JD
6.-----	Unknown	12.38	1600	JD
7.-----	Unknown	12.53	1100	JD
8.-----	Unknown	12.63	3100	JD
9.-----	Unknown	12.70	660	JD
10.-----	Unknown	12.90	730	JD
11.-----	Unknown	13.03	650	JD
12.-----	Unknown	13.13	620	JD
13.-----	Unknown	13.49	1500	JD
14.-----	Unknown	13.57	630	JD
15.-----	Unknown	13.63	1400	JD
16.-----	Unknown hydrocarbon	13.82	760	JD
17.-----	Unknown hydrocarbon	14.82	1000	JD
18.-----	Unknown hydrocarbon	18.53	4700	JD

aus
11/20/98

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub
3-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714691

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6216

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	120	U
95-57-8-----	2-Chlorophenol	120	U
541-73-1-----	1,3-Dichlorobenzene	120	U
106-46-7-----	1,4-Dichlorobenzene	110	U
100-51-6-----	Benzyl alcohol	93	U
95-50-1-----	1,2-Dichlorobenzene	120	U
95-48-7-----	2-Methylphenol	100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5-----	4-Methylphenol	110	U
621-64-7-----	N-Nitroso-Di-n-propylamine	110	U
67-72-1-----	Hexachloroethane	120	U
98-95-3-----	Nitrobenzene	110	U
78-59-1-----	Isophorone	110	U
88-75-5-----	2-Nitrophenol	110	U
105-67-9-----	2,4-Dimethylphenol	100	U
65-85-0-----	Benzoic acid	230	U
111-91-1-----	bis(2-Chloroethoxy)methane	110	U
120-83-2-----	2,4-Dichlorophenol	93	U
120-82-1-----	1,2,4-Trichlorobenzene	110	U
91-20-3-----	Naphthalene	110	U
106-47-8-----	4-Chloroaniline	97	U
87-68-3-----	Hexachlorobutadiene	120	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	120	U
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	100	U
95-95-4-----	2,4,5-Trichlorophenol	110	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	95	U
208-96-8-----	Acenaphthylene	110	U
99-09-2-----	3-Nitroaniline	100	U
83-32-9-----	Acenaphthene	160	U
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub
3-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714691

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6216

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
100-02-7-----	4-Nitrophenol_____	99	U
132-64-9-----	Dibenzofuran_____	150	UU
121-14-2-----	2,4-Dinitrotoluene_____	120	UU
606-20-2-----	2,6-Dinitrotoluene_____	120	UU
84-66-2-----	Diethylphthalate_____	100	UU
7005-72-3-----	4-Chlorophenyl-phenylether_____	150	UU
86-73-7-----	Fluorene_____	170	UU
100-01-6-----	4-Nitroaniline_____	88	UU
534-52-1-----	4,6-Dinitro-2-methylphenol_____	270	UU
86-30-6-----	N-Nitrosodiphenylamine_____	99	UU
101-55-3-----	4-Bromophenyl-phenylether_____	140	UU
118-74-1-----	Hexachlorobenzene_____	120	UU
87-86-5-----	Pentachlorophenol_____	160	UU
85-01-8-----	Phenanthrene_____	150	UU
120-12-7-----	Anthracene_____	140	UU
84-74-2-----	Di-n-butyl phthalate_____	170	UU
206-44-0-----	Fluoranthene_____	170	U
129-00-0-----	Pyrene_____	320	
85-68-7-----	Butylbenzyl phthalate_____	100	U
91-94-1-----	3,3'-Dichlorobenzidine_____	81	U
56-55-3-----	Benz[a]anthracene_____	140	
117-81-7-----	bis(2-Ethylhexyl)phthalate_____	110	U
218-01-9-----	Chrysene_____	160	
117-84-0-----	Di-n-octyl phthalate_____	97	U
205-99-2-----	Benzo[b]fluoranthene_____	210	
207-08-9-----	Benzo[k]fluoranthene_____	110	U
50-32-8-----	Benzo[a]pyrene_____	160	
193-39-5-----	Indeno[1,2,3-cd]pyrene_____	150	
53-70-3-----	Dibenz[ah]anthracene_____	150	U
191-24-2-----	Benzo[ghi]perylene_____	180	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-Sub-
3-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714691

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6216

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.-----	Unknown	12.64	390	J
2.-----	Unknown	13.50	250	J
3.-----	Unknown	13.64	210	J
4.-----	Unknown	14.56	290	J
5.1610-18-0---	Prometon	15.20	310	JN
6.-----	Unknown	22.87	290	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub
3-1-1.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6180

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	110	U
111-44-4-----	bis-(2-Chloroethyl) ether	130	U
95-57-8-----	2-Chlorophenol	130	U
541-73-1-----	1,3-Dichlorobenzene	130	U
106-46-7-----	1,4-Dichlorobenzene	120	U
100-51-6-----	Benzyl alcohol	99	U
95-50-1-----	1,2-Dichlorobenzene	130	U
95-48-7-----	2-Methylphenol	110	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	280	U
106-44-5-----	4-Methylphenol	120	U
621-64-7-----	N-Nitroso-Di-n-propylamine	120	U
67-72-1-----	Hexachloroethane	130	U
98-95-3-----	Nitrobenzene	120	U
78-59-1-----	Isophorone	120	U
88-75-5-----	2-Nitrophenol	120	U
105-67-9-----	2,4-Dimethylphenol	110	U
65-85-0-----	Benzoic acid	240	U
111-91-1-----	bis(2-Chloroethoxy)methane	120	U
120-83-2-----	2,4-Dichlorophenol	99	U
120-82-1-----	1,2,4-Trichlorobenzene	120	U
91-20-3-----	Naphthalene	180	
106-47-8-----	4-Chloroaniline	100	U
87-68-3-----	Hexachlorobutadiene	130	U
59-50-7-----	4-Chloro-3-methylphenol	120	U
91-57-6-----	2-Methylnaphthalene	160	
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	110	U
95-95-4-----	2,4,5-Trichlorophenol	120	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	120	U
131-11-3-----	Dimethylphthalate	100	U
208-96-8-----	Acenaphthylene	120	U
99-09-2-----	3-Nitroaniline	110	U
83-32-9-----	Acenaphthene	170	U
51-28-5-----	2,4-Dinitrophenol	230	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

3-1-1.5
3-1-1.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6180

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	100	U
132-64-9-----	Dibenzofuran	280	
121-14-2-----	2,4-Dinitrotoluene	130	U
606-20-2-----	2,6-Dinitrotoluene	130	U
84-66-2-----	Diethylphthalate	110	U
7005-72-3-----	4-Chlorophenyl-phenylether	160	U
86-73-7-----	Fluorene	360	
100-01-6-----	4-Nitroaniline	93	U
534-52-1-----	4,6-Dinitro-2-methylphenol	290	U
86-30-6-----	N-Nitrosodiphenylamine	100	U
101-55-3-----	4-Bromophenyl-phenylether	140	U
118-74-1-----	Hexachlorobenzene	130	U
87-86-5-----	Pentachlorophenol	170	U
85-01-8-----	Phenanthrene	310	
120-12-7-----	Anthracene	140	U
84-74-2-----	Di-n-butyl phthalate	180	U
206-44-0-----	Fluoranthene	230	
129-00-0-----	Pyrene	540	
85-68-7-----	Butylbenzyl phthalate	110	U
91-94-1-----	3,3'-Dichlorobenzidine	86	U
56-55-3-----	Benz[a]anthracene	230	
117-81-7-----	bis(2-Ethylhexyl)phthalate	110	U
218-01-9-----	Chrysene	530	
117-84-0-----	Di-n-octyl phthalate	100	U
205-99-2-----	Benzo[b]fluoranthene	470	
207-08-9-----	Benzo[k]fluoranthene	120	
50-32-8-----	Benzo[a]pyrene	420	
193-39-5-----	Indeno[1,2,3-cd]pyrene	280	
53-70-3-----	Dibenz[ah]anthracene	160	U
191-24-2-----	Benzo[ghi]perylene	330	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

~~5A-Sub~~
3-1-1.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6180

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

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

Number TICS found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.-----	Unknown cyclohexane	8.15	1600	J
2.-----	Unknown hydrocarbon C13H28	9.55	2000	J
3.54676-39-0--	Cyclohexane, 2-butyl-1,1,3-t	9.77	1900	JN
4.26730-14-3--	Tridecane, 7-methyl-	10.27	2400	JN
5.-----	Unknown	11.30	3000	J
6.-----	Unknown	11.63	1900	J
7.54965-05-8--	Cyclohexane, 1,1,3-trimethyl	11.69	4400	JN
8.-----	Unknown	11.79	5300	J
9.-----	Unknown	12.13	1700	J
10.-----	Unknown	12.25	4800	J
11.-----	Unknown	12.37	2200	J
12.-----	Unknown hydrocarbon	12.41	4600	J
13.-----	Unknown	12.57	2100	J
14.-----	Unknown	12.66	7400	J
15.-----	Unknown	12.73	1600	J
16.-----	Unknown	13.65	1700	J
17.-----	Unknown hydrocarbon	14.29	2500	J
18.-----	Unknown hydrocarbon	14.83	3000	J
19.57-10-3----	Hexadecanoic acid	17.07	1800	JN
20.-----	Unknown	20.68	1600	J
21.-----	Unknown	24.78	1600	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA Sup
4-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6183

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

108-95-2	Phenol	100	U
111-44-4	bis-(2-Chloroethyl) ether	120	U
95-57-8	2-Chlorophenol	120	U
541-73-1	1,3-Dichlorobenzene	120	U
106-46-7	1,4-Dichlorobenzene	110	U
100-51-6	Benzyl alcohol	93	U
95-50-1	1,2-Dichlorobenzene	120	U
95-48-7	2-Methylphenol	100	U
108-60-1	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5	4-Methylphenol	110	U
621-64-7	N-Nitroso-Di-n-propylamine	110	U
67-72-1	Hexachloroethane	120	U
98-95-3	Nitrobenzene	110	U
78-59-1	Isophorone	110	U
88-75-5	2-Nitrophenol	110	U
105-67-9	2,4-Dimethylphenol	100	U
65-85-0	Benzoic acid	230	U
111-91-1	bis(2-Chloroethoxy)methane	110	U
120-83-2	2,4-Dichlorophenol	93	U
120-82-1	1,2,4-Trichlorobenzene	110	U
91-20-3	Naphthalene	1400	
106-47-8	4-Chloroaniline	97	U
87-68-3	Hexachlorobutadiene	120	U
59-50-7	4-Chloro-3-methylphenol	110	U
91-57-6	2-Methylnaphthalene	650	
77-47-4	Hexachlorocyclopentadiene	110	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	140	U
88-74-4	2-Nitroaniline	110	U
131-11-3	Dimethylphthalate	95	U
208-96-8	Acenaphthylene	240	
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	830	
51-28-5	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~4-A-sub~~
4-0-0.5

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6183

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	99	U
132-64-9-----	Dibenzofuran	1000	
121-14-2-----	2,4-Dinitrotoluene	120	U
606-20-2-----	2,6-Dinitrotoluene	120	U
84-66-2-----	Diethylphthalate	100	U
7005-72-3-----	4-Chlorophenyl-phenylether	150	U
86-73-7-----	Fluorene	1200	
100-01-6-----	4-Nitroaniline	88	U
534-52-1-----	4,6-Dinitro-2-methylphenol	270	U
86-30-6-----	N-Nitrosodiphenylamine	99	U
101-55-3-----	4-Bromophenyl-phenylether	140	U
118-74-1-----	Hexachlorobenzene	120	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	6500	E
120-12-7-----	Anthracene	1900	
84-74-2-----	Di-n-butyl phthalate	170	U
206-44-0-----	Fluoranthene	7800	E
129-00-0-----	Pyrene	13000	E
85-68-7-----	Butylbenzyl phthalate	100	U
91-94-1-----	3,3'-Dichlorobenzidine	81	U
56-55-3-----	Benz[a]anthracene	6800	E
117-81-7-----	bis(2-Ethylhexyl)phthalate	110	U
218-01-9-----	Chrysene	6400	E
117-84-0-----	Di-n-octyl phthalate	97	U
205-99-2-----	Benzo[b]fluoranthene	10000	E
207-08-9-----	Benzo[k]fluoranthene	2500	
50-32-8-----	Benzo[a]pyrene	7500	E
193-39-5-----	Indeno[1,2,3-cd]pyrene	5000	E
53-70-3-----	Dibenz[ah]anthracene	1500	
191-24-2-----	Benzo[ghi]perylene	6100	E

050323

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-Sub
4-0-0.5

I Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6183

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

CONCENTRATION UNITS

Number TICS found: 21

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C13H28	9.54	900	J
2.-----	Unknown hydrocarbon	10.25	1500	J
3.-----	Unknown cyclohexane	11.19	2100	J
4.-----	Unknown hydrocarbon	11.41	650	J
5.-----	Unknown C12H10	11.67	680	J
6.-----	Unknown hydrocarbon	11.75	1500	J
7.-----	Unknown C12H12	11.86	990	J
8.-----	Unknown dimethylnaphthalene	12.14	840	J
9.-----	Unknown hydrocarbon	12.39	2900	J
10.-----	Unknown	12.64	700	J
11.-----	Unknown trimethylnaphthalene	13.47	890	J
12.-----	Unknown hydrocarbon	14.28	940	J
13.-----	Unknown hydrocarbon	14.83	1400	J
14.-----	Unknown C10H5Cl3	15.32	1300	J
15.86-74-8-----	Carbazole	16.29	660	JN
16.-----	Unknown	16.46	890	J
17.-----	Unknown C15H12 PAH	16.88	910	J
18.-----	Unknown C15H10 PAH	17.03	1400	J
19.-----	Unknown C16H12 PAH	17.46	1100	J
20.-----	Unknown C17H12 PAH	19.39	720	J
21.-----	Unknown C20H12 PAH	23.64	1100	J

aus 11/97

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub
4-0-0.5RE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6217

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	120	U
95-57-8-----	2-Chlorophenol	120	U
541-73-1-----	1,3-Dichlorobenzene	120	U
106-46-7-----	1,4-Dichlorobenzene	110	U
100-51-6-----	Benzyl alcohol	93	U
95-50-1-----	1,2-Dichlorobenzene	120	U
95-48-7-----	2-Methylphenol	100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5-----	4-Methylphenol	110	U
621-64-7-----	N-Nitroso-Di-n-propylamine	110	U
67-72-1-----	Hexachloroethane	120	U
98-95-3-----	Nitrobenzene	110	U
78-59-1-----	Isophorone	110	U
88-75-5-----	2-Nitrophenol	110	U
105-67-9-----	2,4-Dimethylphenol	100	U
65-85-0-----	Benzoic acid	230	U
111-91-1-----	bis(2-Chloroethoxy)methane	110	U
120-83-2-----	2,4-Dichlorophenol	93	U
120-82-1-----	1,2,4-Trichlorobenzene	110	U
91-20-3-----	Naphthalene	1400	
106-47-8-----	4-Chloroaniline	97	U
87-68-3-----	Hexachlorobutadiene	120	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	620	
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	100	U
95-95-4-----	2,4,5-Trichlorophenol	110	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	95	U
208-96-8-----	Acenaphthylene	260	
99-09-2-----	3-Nitroaniline	100	U
83-32-9-----	Acenaphthene	760	
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~NA-Sub~~
4-0-0.5RE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6217

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
100-02-7-----	4-Nitrophenol_____	99	U
132-64-9-----	Dibenzofuran_____	970	
121-14-2-----	2,4-Dinitrotoluene_____	120	U
606-20-2-----	2,6-Dinitrotoluene_____	120	U
84-66-2-----	Diethylphthalate_____	100	U
7005-72-3-----	4-Chlorophenyl-phenylether_____	150	U
86-73-7-----	Fluorene_____	1200	
100-01-6-----	4-Nitroaniline_____	88	U
534-52-1-----	4,6-Dinitro-2-methylphenol_____	270	U
86-30-6-----	N-Nitrosodiphenylamine_____	99	U
101-55-3-----	4-Bromophenyl-phenylether_____	140	U
118-74-1-----	Hexachlorobenzene_____	120	U
87-86-5-----	Pentachlorophenol_____	160	U
85-01-8-----	Phenanthrene_____	7100	E
120-12-7-----	Anthracene_____	2000	
84-74-2-----	Di-n-butyl phthalate_____	170	U
206-44-0-----	Fluoranthene_____	9200	E
129-00-0-----	Pyrene_____	13000	E
85-68-7-----	Butylbenzyl phthalate_____	100	U
91-94-1-----	3,3'-Dichlorobenzidine_____	81	U
56-55-3-----	Benz[a]anthracene_____	6700	E
117-81-7-----	bis(2-Ethylhexyl)phthalate_____	110	U
218-01-9-----	Chrysene_____	6200	E
117-84-0-----	Di-n-octyl phthalate_____	97	U
205-99-2-----	Benzo[b]fluoranthene_____	9400	E
207-08-9-----	Benzo[k]fluoranthene_____	3500	
50-32-8-----	Benzo[a]pyrene_____	7900	E
193-39-5-----	Indeno[1,2,3-cd]pyrene_____	5100	E
53-70-3-----	Dibenz[ah]anthracene_____	1600	
191-24-2-----	Benzo[ghi]perylene_____	6400	E

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA Sub
4-0-0.5RE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6217

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Number TICS found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C13H28	9.54	900	J
2.-----	Unknown hydrocarbon	10.25	1600	J
3.-----	Unknown hydrocarbon	10.59	600	J
4.-----	Unknown cyclohexane	11.19	1400	J
5.-----	Unknown hydrocarbon	11.76	1100	J
6.-----	Unknown C12H12	11.86	740	J
7.-----	Unknown dimethylnaphthalene	12.14	740	J
8.-----	Unknown hydrocarbon	12.38	2200	J
9.-----	Unknown trimethylnaphthalene	13.47	790	J
10.-----	Unknown hydrocarbon	14.28	840	J
11.-----	Unknown hydrocarbon	14.82	1300	J
12.-----	Unknown C10H5Cl3	15.32	1200	J
13.86-74-8----	Carbazole	16.30	720	JN
14.-----	Unknown C10H4Cl4	16.46	810	J
15.-----	Unknown C15H12 PAH	16.88	960	J
16.-----	Unknown C15H10 PAH	17.03	1400	J
17.-----	Unknown C16H12 PAH	17.45	1500	J
18.-----	Unknown C17H12 PAH	19.39	880	J
19.-----	Unknown C20H12 PAH	23.64	5200	J
20.-----	Unknown	24.77	2600	J
21.-----	Unknown	25.30	3500	J
22.-----	Unknown C22H14 PAH	25.44	1600	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-0-0.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6208

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	510	U
111-44-4-----	bis-(2-Chloroethyl) ether	620	U
95-57-8-----	2-Chlorophenol	620	U
541-73-1-----	1,3-Dichlorobenzene	620	U
106-46-7-----	1,4-Dichlorobenzene	560	U
100-51-6-----	Benzyl alcohol	470	U
95-50-1-----	1,2-Dichlorobenzene	620	U
95-48-7-----	2-Methylphenol	520	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	1300	U
106-44-5-----	4-Methylphenol	570	U
621-64-7-----	N-Nitroso-Di-n-propylamine	560	U
67-72-1-----	Hexachloroethane	620	U
98-95-3-----	Nitrobenzene	570	U
78-59-1-----	Isophorone	570	U
88-75-5-----	2-Nitrophenol	570	U
105-67-9-----	2,4-Dimethylphenol	520	U
65-85-0-----	Benzoic acid	1100	U
111-91-1-----	bis(2-Chloroethoxy)methane	570	U
120-83-2-----	2,4-Dichlorophenol	470	U
120-82-1-----	1,2,4-Trichlorobenzene	570	U
91-20-3-----	Naphthalene	1600	D
106-47-8-----	4-Chloroaniline	480	U
87-68-3-----	Hexachlorobutadiene	620	U
59-50-7-----	4-Chloro-3-methylphenol	550	U
91-57-6-----	2-Methylnaphthalene	710	D
77-47-4-----	Hexachlorocyclopentadiene	540	U
88-06-2-----	2,4,6-Trichlorophenol	520	U
95-95-4-----	2,4,5-Trichlorophenol	560	U
91-58-7-----	2-Chloronaphthalene	680	U
88-74-4-----	2-Nitroaniline	550	U
131-11-3-----	Dimethylphthalate	480	U
208-96-8-----	Acenaphthylene	550	U
99-09-2-----	3-Nitroaniline	520	U
83-32-9-----	Acenaphthene	830	D
51-28-5-----	2,4-Dinitrophenol	1100	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-0-0.5DL

L' Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6208

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

100-02-7-----	4-Nitrophenol	490	U
132-64-9-----	Dibenzofuran	1000	D
121-14-2-----	2,4-Dinitrotoluene	620	U
606-20-2-----	2,6-Dinitrotoluene	620	U
84-66-2-----	Diethylphthalate	500	U
7005-72-3-----	4-Chlorophenyl-phenylether	740	U
86-73-7-----	Fluorene	1300	D
100-01-6-----	4-Nitroaniline	440	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1400	U
86-30-6-----	N-Nitrosodiphenylamine	490	U
101-55-3-----	4-Bromophenyl-phenylether	680	U
118-74-1-----	Hexachlorobenzene	620	U
87-86-5-----	Pentachlorophenol	800	U
85-01-8-----	Phenanthrene	7600	D
120-12-7-----	Anthracene	2000	D
84-74-2-----	Di-n-butyl phthalate	850	U
206-44-0-----	Fluoranthene	10000	D
129-00-0-----	Pyrene	14000	D
85-68-7-----	Butylbenzyl phthalate	510	U
91-94-1-----	3,3'-Dichlorobenzidine	400	U
56-55-3-----	Benz[a]anthracene	7100	D
117-81-7-----	bis(2-Ethylhexyl)phthalate	530	U
218-01-9-----	Chrysene	7200	D
117-84-0-----	Di-n-octyl phthalate	480	U
205-99-2-----	Benzo[b]fluoranthene	12000	D
207-08-9-----	Benzo[k]fluoranthene	3000	D
50-32-8-----	Benzo[a]pyrene	8100	D
193-39-5-----	Indeno[1,2,3-cd]pyrene	4300	D
53-70-3-----	Dibenz[ah]anthracene	1400	D
191-24-2-----	Benzo[ghi]perylene	5100	D

Ans 11/20/99

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

GA Sub
4-0-0.5DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714693

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6208

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/29/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

pH: _____

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

Number TICS found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C13H28	9.53	1700	JD
2.-----	Unknown hydrocarbon	10.24	3100	JD
3.-----	Unknown hydrocarbon	10.59	970	JD
4.-----	Unknown cyclohexane	11.17	1900	JD
5.-----	Unknown hydrocarbon	11.74	1600	JD
6.-----	Unknown C12H12	11.85	1100	JD
7.-----	Unknown hydrocarbon	12.38	3100	JD
8.-----	Unknown trimethylnaphthalene	13.46	1200	JD
9.-----	Unknown hydrocarbon	14.27	1200	JD
10.-----	Unknown hydrocarbon	14.81	1500	JD
11.-----	Unknown C10H5Cl3	15.31	1600	JD
12.86-74-8----	Carbazole	16.28	1000	JND
13.-----	Unknown C15H12 PAH	16.87	1300	JD
14.-----	Unknown C15H10 PAH	17.02	3800	JD
15.-----	Unknown C16H12 PAH	17.44	1600	JD
16.112-80-1----	Oleic acid	18.52	5400	JND
17.-----	Unknown C17H12 PAH	19.37	1100	JD
18.-----	Unknown C20H12 PAH	23.61	8500	JD
19.-----	Unknown	24.76	7200	JD
20.-----	Unknown	25.27	4300	JD
21.-----	Unknown PAH	25.42	1700	JD

Ans
11/20/97

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-1.5-2

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6218

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	100	U
111-44-4-----	bis-(2-Chloroethyl) ether	120	U
95-57-8-----	2-Chlorophenol	120	U
541-73-1-----	1,3-Dichlorobenzene	120	U
106-46-7-----	1,4-Dichlorobenzene	110	U
100-51-6-----	Benzyl alcohol	93	U
95-50-1-----	1,2-Dichlorobenzene	120	U
95-48-7-----	2-Methylphenol	100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5-----	4-Methylphenol	110	U
621-64-7-----	N-Nitroso-Di-n-propylamine	110	U
67-72-1-----	Hexachloroethane	120	U
98-95-3-----	Nitrobenzene	110	U
78-59-1-----	Isophorone	110	U
88-75-5-----	2-Nitrophenol	110	U
105-67-9-----	2,4-Dimethylphenol	100	U
65-85-0-----	Benzoic acid	230	U
111-91-1-----	bis(2-Chloroethoxy)methane	110	U
120-83-2-----	2,4-Dichlorophenol	93	U
120-82-1-----	1,2,4-Trichlorobenzene	110	U
91-20-3-----	Naphthalene	7500	E
106-47-8-----	4-Chloroaniline	97	U
87-68-3-----	Hexachlorobutadiene	120	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	8000	E
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	100	U
95-95-4-----	2,4,5-Trichlorophenol	110	U
91-58-7-----	2-Chloronaphthalene	140	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	95	U
208-96-8-----	Acenaphthylene	780	
99-09-2-----	3-Nitroaniline	100	U
83-32-9-----	Acenaphthene	3400	
51-28-5-----	2,4-Dinitrophenol	220	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub-
4-1.5-2

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6218

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q
100-02-7-----	4-Nitrophenol_____	99	U
132-64-9-----	Dibenzofuran_____	3800	
121-14-2-----	2,4-Dinitrotoluene_____	120	U
606-20-2-----	2,6-Dinitrotoluene_____	120	U
84-66-2-----	Diethylphthalate_____	100	U
7005-72-3-----	4-Chlorophenyl-phenylether_____	150	U
86-73-7-----	Fluorene_____	5100	E
100-01-6-----	4-Nitroaniline_____	88	U
534-52-1-----	4,6-Dinitro-2-methylphenol_____	270	U
86-30-6-----	N-Nitrosodiphenylamine_____	1000	
101-55-3-----	4-Bromophenyl-phenylether_____	140	U
118-74-1-----	Hexachlorobenzene_____	120	U
87-86-5-----	Pentachlorophenol_____	160	U
85-01-8-----	Phenanthrene_____	24000	E
120-12-7-----	Anthracene_____	7400	E
84-74-2-----	Di-n-butyl phthalate_____	170	U
206-44-0-----	Fluoranthene_____	13000	E
129-00-0-----	Pyrene_____	18000	E
85-68-7-----	Butylbenzyl phthalate_____	100	U
91-94-1-----	3,3'-Dichlorobenzidine_____	81	U
56-55-3-----	Benz[a]anthracene_____	9500	E
117-81-7-----	bis(2-Ethylhexyl)phthalate_____	260	
218-01-9-----	Chrysene_____	9300	E
117-84-0-----	Di-n-octyl phthalate_____	97	U
205-99-2-----	Benzo[b]fluoranthene_____	8300	E
207-08-9-----	Benzo[k]fluoranthene_____	3000	
50-32-8-----	Benzo[a]pyrene_____	7000	E
193-39-5-----	Indeno[1,2,3-cd]pyrene_____	6700	E
53-70-3-----	Dibenz[ah]anthracene_____	1900	
191-24-2-----	Benzo[ghi]perylene_____	8100	E

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
4-1.5-2

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6218

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

Number TICS found: 22

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C10H22	5.77	2400	J
2.-----	Unknown hydrocarbon	6.22	3500	J
3.-----	Unknown cyclohexane	6.55	2600	J
4.-----	Unknown hydrocarbon	6.72	4900	J
5.13151-35-4--	Decane, 5-methyl-	7.50	5900	JN
6.2847-72-5---	Decane, 4-methyl-	7.56	3900	JN
7.6975-98-0---	Decane, 2-methyl-	7.62	4300	JN
8.13151-34-3--	Decane, 3-methyl-	7.71	5500	JN
9.1120-21-4---	Undecane	8.10	8000	JN
10.-----	Unknown C10H14	8.44	2600	J
11.-----	Unknown hydrocarbon	8.65	3800	J
12.-----	Unknown hydrocarbon	8.94	2900	J
13.-----	Unknown hydrocarbon	9.02	3100	J
14.-----	Unknown hydrocarbon C13H28	9.56	4200	J
15.-----	Unknown cyclohexane	9.97	2300	J
16.-----	Unknown hydrocarbon	10.28	6100	J
17.629-50-5---	Tridecane	10.62	4800	JN
18.-----	Unknown	11.20	2800	J
19.629-59-4---	Tetradecane	11.76	2900	JN
20.-----	Unknown hydrocarbon	12.40	3800	J
21.-----	Unknown C10H5Cl3	15.36	3300	J
22.57-10-3----	Hexadecanoic acid	17.11	2400	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

54-Sup-

4-1.5-2DL

L- Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6243

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	1000	U
111-44-4-----	bis-(2-Chloroethyl) ether	1200	U
95-57-8-----	2-Chlorophenol	1200	U
541-73-1-----	1,3-Dichlorobenzene	1200	U
106-46-7-----	1,4-Dichlorobenzene	1100	U
100-51-6-----	Benzyl alcohol	930	U
95-50-1-----	1,2-Dichlorobenzene	1200	U
95-48-7-----	2-Methylphenol	1000	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	2600	U
106-44-5-----	4-Methylphenol	1100	U
621-64-7-----	N-Nitroso-Di-n-propylamine	1100	U
67-72-1-----	Hexachloroethane	1200	U
98-95-3-----	Nitrobenzene	1100	U
78-59-1-----	Isophorone	1100	U
88-75-5-----	2-Nitrophenol	1100	U
105-67-9-----	2,4-Dimethylphenol	1000	U
65-85-0-----	Benzoic acid	2300	U
111-91-1-----	bis(2-Chloroethoxy)methane	1100	U
120-83-2-----	2,4-Dichlorophenol	930	U
120-82-1-----	1,2,4-Trichlorobenzene	1100	U
91-20-3-----	Naphthalene	9700	U
106-47-8-----	4-Chloroaniline	970	U
87-68-3-----	Hexachlorobutadiene	1200	U
59-50-7-----	4-Chloro-3-methylphenol	1100	U
91-57-6-----	2-Methylnaphthalene	11000	U
77-47-4-----	Hexachlorocyclopentadiene	1100	U
88-06-2-----	2,4,6-Trichlorophenol	1000	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	1400	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	950	U
208-96-8-----	Acenaphthylene	1100	U
99-09-2-----	3-Nitroaniline	1000	U
83-32-9-----	Acenaphthene	3800	U
51-28-5-----	2,4-Dinitrophenol	2200	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub-
4-1.5-2DL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6243

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	990	U
132-64-9-----	Dibenzofuran	4500	D
121-14-2-----	2,4-Dinitrotoluene	1200	U
606-20-2-----	2,6-Dinitrotoluene	1200	U
84-66-2-----	Diethylphthalate	1000	U
7005-72-3-----	4-Chlorophenyl-phenylether	1500	U
86-73-7-----	Fluorene	6700	D
100-01-6-----	4-Nitroaniline	880	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2700	U
86-30-6-----	N-Nitrosodiphenylamine	990	U
101-55-3-----	4-Bromophenyl-phenylether	1400	U
118-74-1-----	Hexachlorobenzene	1200	U
87-86-5-----	Pentachlorophenol	1600	U
85-01-8-----	Phenanthrene	31000	D
120-12-7-----	Anthracene	8600	D
84-74-2-----	Di-n-butyl phthalate	1700	U
206-44-0-----	Fluoranthene	18000	D
129-00-0-----	Pyrene	28000	D
85-68-7-----	Butylbenzyl phthalate	1000	U
91-94-1-----	3,3'-Dichlorobenzidine	810	U
56-55-3-----	Benz[a]anthracene	11000	D
117-81-7-----	bis(2-Ethylhexyl)phthalate	1100	U
218-01-9-----	Chrysene	10000	D
117-84-0-----	Di-n-octyl phthalate	970	U
205-99-2-----	Benzo[b]fluoranthene	11000	D
207-08-9-----	Benzo[k]fluoranthene	4100	D
50-32-8-----	Benzo[a]pyrene	8600	D
193-39-5-----	Indeno[1,2,3-cd]pyrene	4800	D
53-70-3-----	Dibenz[ah]anthracene	1500	D
191-24-2-----	Benzo[ghi]perylene	5700	D

aus
1/20/98

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-Sub-
4-1.5-2DL

Job Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6243

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N)N

pH: _____

Number TICS found: 23

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.13151-35-4--	Decane, 5-methyl-	7.46	11000	JND
2.13151-34-3--	Decane, 3-methyl-	7.66	11000	JND
3.-----	Unknown C10H14	7.91	10000	JD
4.1120-21-4---	Undecane	8.05	18000	JND
5.-----	Unknown hydrocarbon C13H28	9.50	11000	JD
6.-----	Unknown hydrocarbon	10.22	18000	JD
7.629-50-5----	Tridecane	10.56	14000	JND
8.-----	Unknown cyclohexane	11.14	16000	JD
9.629-59-4----	Tetradecane	11.70	14000	JND
10.544-76-3----	Hexadecane	12.35	17000	JND
11.-----	Unknown hydrocarbon	14.78	11000	JD
12.-----	Unknown C10H5Cl3	15.14	9400	JD
13.-----	Unknown C10H5Cl3	15.29	24000	JD
14.-----	Unknown C10H4Cl4	16.41	10000	JD
15.-----	Unknown C15H12 PAH	16.84	11000	JD
16.-----	Unknown hydrocarbon	17.96	12000	JD
17.-----	Unknown hydrocarbon	18.46	14000	JD
18.-----	Unknown	18.85	12000	JD
19.-----	Unknown hydrocarbon	19.17	22000	JD
20.-----	Unknown	19.36	13000	JD
21.-----	Unknown hydrocarbon	21.90	15000	JD
22.-----	Unknown hydrocarbon	22.51	21000	JD
23.-----	Unknown	25.24	14000	JD

ans
11/20/98

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~4A-Sub-~~
4-1.5-2RE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6361

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

PC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	200	U
111-44-4-----	bis-(2-Chloroethyl) ether	250	U
95-57-8-----	2-Chlorophenol	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	220	U
100-51-6-----	Benzyl alcohol	190	U
95-50-1-----	1,2-Dichlorobenzene	250	U
95-48-7-----	2-Methylphenol	210	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	520	U
106-44-5-----	4-Methylphenol	230	U
621-64-7-----	N-Nitroso-Di-n-propylamine	220	U
67-72-1-----	Hexachloroethane	250	U
98-95-3-----	Nitrobenzene	230	U
78-59-1-----	Isophorone	230	U
88-75-5-----	2-Nitrophenol	230	U
105-67-9-----	2,4-Dimethylphenol	210	U
65-85-0-----	Benzoic acid	450	U
111-91-1-----	bis(2-Chloroethoxy)methane	230	U
120-83-2-----	2,4-Dichlorophenol	190	U
120-82-1-----	1,2,4-Trichlorobenzene	230	U
91-20-3-----	Naphthalene	12000	E
106-47-8-----	4-Chloroaniline	190	U
87-68-3-----	Hexachlorobutadiene	250	U
59-50-7-----	4-Chloro-3-methylphenol	220	U
91-57-6-----	2-Methylnaphthalene	12000	E
77-47-4-----	Hexachlorocyclopentadiene	220	U
88-06-2-----	2,4,6-Trichlorophenol	210	U
95-95-4-----	2,4,5-Trichlorophenol	220	U
91-58-7-----	2-Chloronaphthalene	270	U
88-74-4-----	2-Nitroaniline	220	U
131-11-3-----	Dimethylphthalate	190	U
208-96-8-----	Acenaphthylene	1200	
99-09-2-----	3-Nitroaniline	210	U
33-32-9-----	Acenaphthene	4900	
51-28-5-----	2,4-Dinitrophenol	430	

970544

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Suk-
4-1.5-2RE

Lab Name: EA LABS Contract: _____
Lab Code: EAENG Case No: _____ SAS No.: _____ SDG No: _____
Matrix: (soil/water) SOIL Lab Sample ID: 9714694
Sample wt/vol: 30.0 (g/ml) G Lab File ID: SC3B6361
Level: (low/med) LOW Date Received: 12/05/97
Moisture: 12 decanted: (Y/N) N Date Extracted: 12/29/97
Concentrated Extract Volume: 2000 (uL) Date Analyzed: 01/08/98
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
PC Cleanup: (Y/N) N pH: _____

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
100-02-7-----	4-Nitrophenol_____	200	U
132-64-9-----	Dibenzofuran_____	6200	
121-14-2-----	2,4-Dinitrotoluene_____	250	U
606-20-2-----	2,6-Dinitrotoluene_____	250	U
84-66-2-----	Diethylphthalate_____	200	U
7005-72-3-----	4-Chlorophenyl-phenylether_____	300	U
36-73-7-----	Fluorene_____	8100	~~U~~
100-01-6-----	4-Nitroaniline_____	180	U
534-52-1-----	4,6-Dinitro-2-methylphenol_____	550	U
86-30-6-----	N-Nitrosodiphenylamine_____	970	
101-55-3-----	4-Bromophenyl-phenylether_____	270	U
118-74-1-----	Hexachlorobenzene_____	250	U
87-86-5-----	Pentachlorophenol_____	320	U
85-01-8-----	Phenanthrene_____	32000	E
120-12-7-----	Anthracene_____	12000	E
84-74-2-----	Di-n-butyl phthalate_____	340	U
206-44-0-----	Fluoranthene_____	11000	E
129-00-0-----	Pyrene_____	24000	E
85-68-7-----	Butylbenzyl phthalate_____	200	U
91-94-1-----	3,3'-Dichlorobenzidine_____	160	U
56-55-3-----	Benz[a]anthracene_____	11000	E
117-81-7-----	bis(2-Ethylhexyl)phthalate_____	600	
218-01-9-----	Chrysene_____	12000	E
117-84-0-----	Di-n-octyl phthalate_____	190	U
205-99-2-----	Benzo[b]fluoranthene_____	10000	E
207-08-9-----	Benzo[k]fluoranthene_____	3900	
50-32-8-----	Benzo[a]pyrene_____	8600	~~U~~
193-39-5-----	Indeno[1,2,3-cd]pyrene_____	7700	~~U~~
53-70-3-----	Dibenz[ah]anthracene_____	760	
191-24-2-----	Benzo[ghi]perylene_____	7300	

by 1/28/98

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
4-1.5-2RE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6361

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

PC Cleanup: (Y/N) N

pH: _____

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

Number TICS found: 23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	5.48	3400	J
2.-----	Unknown hydrocarbon	5.61	9400	J
3.-----	Unknown hydrocarbon	5.89	4500	J
4.-----	Unknown hydrocarbon	5.99	4800	J
5.-----	Unknown hydrocarbon	6.04	10000	J
6.-----	Unknown	6.41	13000	BJ
7.-----	Unknown hydrocarbon	6.56	12000	J
8.-----	Unknown hydrocarbon	6.73	3200	J
9.-----	Unknown hydrocarbon	6.86	11000	J
10.-----	Unknown	6.92	5600	J
11.-----	Unknown cyclohexane	7.07	11000	BJ
12.13151-35-4--	Decane, 5-methyl-	7.33	14000	JN
13.2847-72-5---	Decane, 4-methyl-	7.38	7400	JN
14.6975-98-0---	Decane, 2-methyl-	7.45	8900	JN
15.13151-34-3--	Decane, 3-methyl-	7.53	16000	JN
16.-----	Unknown C11H22	7.86	3300	J
17.-----	Unknown hydrocarbon	7.94	14000	J
18.-----	Unknown cyclohexane	8.46	3500	J
19.-----	Unknown hydrocarbon C13H28	9.38	3400	J
20.-----	Unknown hydrocarbon	10.11	4600	J
21.629-50-5----	Tridecane	10.44	4200	JN
22.629-59-4----	Tetradecane	11.58	3200	JN
23.-----	Unknown hydrocarbon C19H40	14.66	4100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-1.5-2REDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6395

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 01/10/98

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

PC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	2000	U
111-44-4-----	bis-(2-Chloroethyl) ether	2500	U
95-57-8-----	2-Chlorophenol	2500	U
541-73-1-----	1,3-Dichlorobenzene	2500	U
106-46-7-----	1,4-Dichlorobenzene	2200	U
100-51-6-----	Benzyl alcohol	1900	U
5-50-1-----	1,2-Dichlorobenzene	2500	U
95-48-7-----	2-Methylphenol	2100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	5200	U
106-44-5-----	4-Methylphenol	2300	U
621-64-7-----	N-Nitroso-Di-n-propylamine	2200	U
67-72-1-----	Hexachloroethane	2500	U
98-95-3-----	Nitrobenzene	2300	U
78-59-1-----	Isophorone	2300	U
88-75-5-----	2-Nitrophenol	2300	U
105-67-9-----	2,4-Dimethylphenol	2100	U
65-85-0-----	Benzoic acid	4500	U
111-91-1-----	bis(2-Chloroethoxy)methane	2300	U
120-83-2-----	2,4-Dichlorophenol	1900	U
120-82-1-----	1,2,4-Trichlorobenzene	2300	U
91-20-3-----	Naphthalene	15000	D
106-47-8-----	4-Chloroaniline	1900	U
87-68-3-----	Hexachlorobutadiene	2500	U
59-50-7-----	4-Chloro-3-methylphenol	2200	U
91-57-6-----	2-Methylnaphthalene	16000	D
77-47-4-----	Hexachlorocyclopentadiene	2200	U
88-06-2-----	2,4,6-Trichlorophenol	2100	U
95-95-4-----	2,4,5-Trichlorophenol	2200	U
91-58-7-----	2-Chloronaphthalene	2700	U
88-74-4-----	2-Nitroaniline	2200	U
131-11-3-----	Dimethylphthalate	1900	U
208-96-8-----	Acenaphthylene	2200	U
99-09-2-----	3-Nitroaniline	2100	U
93-32-9-----	Acenaphthene	5800	D
51-28-5-----	2,4-Dinitrophenol	4300	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-1.5-2REDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6395

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 01/10/98

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

PC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	2000	U
132-64-9-----	Dibenzofuran	6300	D
121-14-2-----	2,4-Dinitrotoluene	2500	U
606-20-2-----	2,6-Dinitrotoluene	2500	U
84-66-2-----	Diethylphthalate	2000	U
7005-72-3-----	4-Chlorophenyl-phenylether	3000	U
26-73-7-----	Fluorene	9500	D
100-01-6-----	4-Nitroaniline	1800	U
534-52-1-----	4,6-Dinitro-2-methylphenol	5500	U
86-30-6-----	N-Nitrosodiphenylamine	2000	U
101-55-3-----	4-Bromophenyl-phenylether	2700	U
118-74-1-----	Hexachlorobenzene	2500	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	42000	D
120-12-7-----	Anthracene	11000	D
84-74-2-----	Di-n-butyl phthalate	3400	U
206-44-0-----	Fluoranthene	29000	D
129-00-0-----	Pyrene	23000	D
85-68-7-----	Butylbenzyl phthalate	2000	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benz[a]anthracene	11000	D
117-81-7-----	bis(2-Ethylhexyl)phthalate	2100	U
218-01-9-----	Chrysene	12000	D
117-84-0-----	Di-n-octyl phthalate	1900	U
205-99-2-----	Benzo[b]fluoranthene	11000	D
207-08-9-----	Benzo[k]fluoranthene	4600	D
50-32-8-----	Benzo[a]pyrene	9300	D
193-39-5-----	Indeno[1,2,3-cd]pyrene	6100	D
53-70-3-----	Dibenz[ah]anthracene	3000	U
191-24-2-----	Benzo[ghi]perylene	6200	D

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
4-1.5-2REDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714694

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6395

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 12 decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 01/10/98

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

PC Cleanup: (Y/N) N

pH: _____

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

Number TICS found: 23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.124-18-5----	Decane	6.51	18000	DJN
2.-----	Unknown cyclohexane	7.02	21000	BDJ
3.13151-34-3--	Decane, 3-methyl-	7.48	14000	DJN
4.1120-21-4---	Undecane	7.87	27000	DJN
5.-----	Unknown hydrocarbon C13H28	9.32	21000	DJ
6.-----	Unknown	10.03	28000	DJ
7.629-50-5----	Tridecane	10.37	24000	DJN
8.-----	Unknown cyclohexane	10.95	20000	DJ
9.629-59-4----	Tetradecane	11.51	23000	DJN
10.-----	Unknown hydrocarbon	12.16	20000	DJ
11.-----	Unknown hydrocarbon	14.58	18000	DJ
12.-----	Unknown C10H5Cl3	14.92	15000	DJ
13.-----	Unknown C10H5Cl3	15.06	43000	DJ
14.-----	Unknown C10H4Cl4	16.97	28000	DJ
15.-----	Unknown hydrocarbon	17.76	21000	DJ
16.-----	Unknown hydrocarbon	18.26	17000	DJ
17.-----	Unknown hydrocarbon	18.55	22000	DJ
18.-----	Unknown hydrocarbon	18.97	31000	DJ
19.-----	Unknown hydrocarbon	19.55	22000	DJ
20.-----	Unknown hydrocarbon	19.71	30000	DJ
21.-----	Unknown hydrocarbon	22.30	31000	DJ
22.-----	Unknown	24.48	21000	DJ
23.-----	Unknown	24.96	26000	DJ

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-1.5-2DUP

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6185

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

PC Cleanup: (Y/N)N pH: _____

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

CAS NO.	COMPOUND	Q
108-95-2	Phenol	99 U
111-44-4	bis-(2-Chloroethyl) ether	120 U
95-57-8	2-Chlorophenol	120 U
541-73-1	1,3-Dichlorobenzene	120 U
106-46-7	1,4-Dichlorobenzene	110 U
100-51-6	Benzyl alcohol	91 U
5-50-1	1,2-Dichlorobenzene	120 U
95-48-7	2-Methylphenol	100 U
108-60-1	2,2'-Oxybis(1-chloropropane)	260 U
106-44-5	4-Methylphenol	110 U
621-64-7	N-Nitroso-Di-n-propylamine	110 U
67-72-1	Hexachloroethane	120 U
98-95-3	Nitrobenzene	110 U
78-59-1	Isophorone	110 U
88-75-5	2-Nitrophenol	110 U
105-67-9	2,4-Dimethylphenol	100 U
65-85-0	Benzoic acid	220 U
111-91-1	bis(2-Chloroethoxy)methane	110 U
120-83-2	2,4-Dichlorophenol	91 U
120-82-1	1,2,4-Trichlorobenzene	110 U
91-20-3	Naphthalene	5900 E
106-47-8	4-Chloroaniline	94 U
87-68-3	Hexachlorobutadiene	120 U
59-50-7	4-Chloro-3-methylphenol	110 U
91-57-6	2-Methylnaphthalene	6700 E
77-47-4	Hexachlorocyclopentadiene	110 U
88-06-2	2,4,6-Trichlorophenol	100 U
95-95-4	2,4,5-Trichlorophenol	110 U
91-58-7	2-Chloronaphthalene	130 U
88-74-4	2-Nitroaniline	110 U
131-11-3	Dimethylphthalate	93 U
208-96-8	Acenaphthylene	110 U
99-09-2	3-Nitroaniline	100 U
33-32-9	Acenaphthene	1100 U
51-28-5	2,4-Dinitrophenol	210 U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

4-Sub
4-1.5-2DUP

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6185

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

PC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	97	U
132-64-9-----	Dibenzofuran	1600	
121-14-2-----	2,4-Dinitrotoluene	120	U
606-20-2-----	2,6-Dinitrotoluene	120	U
84-66-2-----	Diethylphthalate	98	U
7005-72-3-----	4-Chlorophenyl-phenylether	140	U
6-73-7-----	Fluorene	1700	
100-01-6-----	4-Nitroaniline	86	U
534-52-1-----	4,6-Dinitro-2-methylphenol	270	U
86-30-6-----	N-Nitrosodiphenylamine	790	
101-55-3-----	4-Bromophenyl-phenylether	130	U
118-74-1-----	Hexachlorobenzene	120	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	5600	E
120-12-7-----	Anthracene	810	
84-74-2-----	Di-n-butyl phthalate	170	U
206-44-0-----	Fluoranthene	960	
129-00-0-----	Pyrene	2100	
85-68-7-----	Butylbenzyl phthalate	99	U
91-94-1-----	3,3'-Dichlorobenzidine	79	U
56-55-3-----	Benz[a]anthracene	920	
117-81-7-----	bis(2-Ethylhexyl)phthalate	210	
218-01-9-----	Chrysene	1700	
117-84-0-----	Di-n-octyl phthalate	94	U
205-99-2-----	Benzo[b]fluoranthene	660	
207-08-9-----	Benzo[k]fluoranthene	230	
50-32-8-----	Benzo[a]pyrene	470	
193-39-5-----	Indeno[1,2,3-cd]pyrene	380	
53-70-3-----	Dibenz[ah]anthracene	160	
191-24-2-----	Benzo[ghi]perylene	470	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-SUB
4-1.5-2DUP

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6185

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GC Cleanup: (Y/N) N

pH: _____

Number TICS found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C10H22	5.77	4600	J
2.-----	Unknown hydrocarbon	6.06	2200	J
3.17301-94-9--	Nonane, 4-methyl-	6.16	2600	JN
4.-----	Unknown hydrocarbon	6.21	5200	J
5.-----	Unknown cyclohexane	6.56	4400	J
6.-----	Unknown trimethylbenzene	6.70	4800	J
7.-----	Unknown hydrocarbon	7.11	3000	J
8.13151-35-4--	Decane, 5-methyl-	7.50	7200	JN
9.2847-72-5---	Decane, 4-methyl-	7.56	4600	JN
10.-----	Unknown hydrocarbon	7.62	5200	J
11.13151-34-3--	Decane, 3-methyl-	7.71	8000	JN
12.-----	Unknown cyclohexane	11.21	6800	J
13.-----	Unknown hydrocarbon	11.43	2700	J
14.-----	Unknown hydrocarbon	11.78	4000	J
15.-----	Unknown C12H12	11.88	3500	J
16.-----	Unknown dimethylnaphthalene	12.03	2100	J
17.-----	Unknown dimethylnaphthalene	12.16	3300	J
18.-----	Unknown hydrocarbon	12.41	7700	J
19.-----	Unknown C10H6Cl2	13.67	4100	J
20.-----	Unknown hydrocarbon	14.29	3100	J
21.-----	Unknown C10H5Cl3	15.36	2200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub-
4-1.5-2DUPRE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6219

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

108-95-2-----	Phenol	99	U
111-44-4-----	bis-(2-Chloroethyl) ether	120	U
95-57-8-----	2-Chlorophenol	120	U
541-73-1-----	1,3-Dichlorobenzene	120	U
106-46-7-----	1,4-Dichlorobenzene	110	U
100-51-6-----	Benzyl alcohol	91	U
95-50-1-----	1,2-Dichlorobenzene	120	U
95-48-7-----	2-Methylphenol	100	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	260	U
106-44-5-----	4-Methylphenol	110	U
621-64-7-----	N-Nitroso-Di-n-propylamine	110	U
67-72-1-----	Hexachloroethane	120	U
98-95-3-----	Nitrobenzene	110	U
78-59-1-----	Isophorone	110	U
88-75-5-----	2-Nitrophenol	110	U
105-67-9-----	2,4-Dimethylphenol	100	U
65-85-0-----	Benzoic acid	220	U
111-91-1-----	bis(2-Chloroethoxy) methane	110	U
120-83-2-----	2,4-Dichlorophenol	91	U
120-82-1-----	1,2,4-Trichlorobenzene	110	U
91-20-3-----	Naphthalene	7500	E
106-47-8-----	4-Chloroaniline	94	U
87-68-3-----	Hexachlorobutadiene	120	U
59-50-7-----	4-Chloro-3-methylphenol	110	U
91-57-6-----	2-Methylnaphthalene	7500	E
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	100	U
95-95-4-----	2,4,5-Trichlorophenol	110	U
91-58-7-----	2-Chloronaphthalene	130	U
88-74-4-----	2-Nitroaniline	110	U
131-11-3-----	Dimethylphthalate	93	U
208-96-8-----	Acenaphthylene	110	U
99-09-2-----	3-Nitroaniline	100	U
83-32-9-----	Acenaphthene	1300	U
51-28-5-----	2,4-Dinitrophenol	210	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
4-1.5-2DUPRE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6219

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	97	U
132-64-9-----	Dibenzofuran	1800	
121-14-2-----	2,4-Dinitrotoluene	120	U
606-20-2-----	2,6-Dinitrotoluene	120	U
84-66-2-----	Diethylphthalate	98	U
7005-72-3-----	4-Chlorophenyl-phenylether	140	U
86-73-7-----	Fluorene	1900	
100-01-6-----	4-Nitroaniline	86	U
534-52-1-----	4,6-Dinitro-2-methylphenol	270	U
86-30-6-----	N-Nitrosodiphenylamine	740	
101-55-3-----	4-Bromophenyl-phenylether	130	U
118-74-1-----	Hexachlorobenzene	120	U
87-86-5-----	Pentachlorophenol	160	U
85-01-8-----	Phenanthrene	7000	E
120-12-7-----	Anthracene	870	
84-74-2-----	Di-n-butyl phthalate	170	U
206-44-0-----	Fluoranthene	1500	
129-00-0-----	Pyrene	2500	
85-68-7-----	Butylbenzyl phthalate	99	U
91-94-1-----	3,3'-Dichlorobenzidine	79	U
56-55-3-----	Benz[a]anthracene	740	
117-81-7-----	bis(2-Ethylhexyl)phthalate	350	
218-01-9-----	Chrysene	2200	
117-84-0-----	Di-n-octyl phthalate	94	U
205-99-2-----	Benzo[b]fluoranthene	660	
207-08-9-----	Benzo[k]fluoranthene	250	
50-32-8-----	Benzo[a]pyrene	520	
193-39-5-----	Indeno[1,2,3-cd]pyrene	470	
53-70-3-----	Dibenz[ah]anthracene	140	U
191-24-2-----	Benzo[ghi]perylene	650	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

6A-Sub-
4-1.5-2DUPRE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6219

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICS found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown hydrocarbon C10H22	5.77	4500	J
2.17301-94-9--	Nonane, 4-methyl-	6.17	2900	JN
3.-----	Unknown hydrocarbon	6.22	5500	J
4.-----	Unknown cyclohexane	6.56	4200	J
-----	Unknown trimethylbenzene	6.70	4800	J
5.13151-35-4--	Decane, 5-methyl-	7.51	7200	JN
7.2847-72-5--	Decane, 4-methyl-	7.56	4800	JN
8.-----	Unknown hydrocarbon	7.62	5600	J
9.13151-34-3--	Decane, 3-methyl-	7.71	6800	JN
10.-----	Unknown hydrocarbon	8.17	6300	J
11.-----	Unknown hydrocarbon	10.28	3200	J
12.-----	Unknown cyclohexane	11.20	11000	J
13.-----	Unknown hydrocarbon	11.28	3600	J
14.1560-96-9--	Tridecane, 2-methyl-	11.34	3000	JN
15.-----	Unknown hydrocarbon	11.42	3600	J
16.-----	Unknown C12H10	11.69	2700	J
17.-----	Unknown	11.77	5100	J
18.-----	Unknown C12H12	11.87	3700	J
19.-----	Unknown dimethylnaphthalene	12.15	3600	J
20.-----	Unknown hydrocarbon	12.40	9000	J
21.-----	Unknown C10H6Cl2	13.66	2900	J
22.-----	Unknown hydrocarbon	14.29	2800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-Sub-
4-1.5-2DUPDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6244

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

SPC Cleanup: (Y/N)N

pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	490	U
111-44-4-----	bis-(2-Chloroethyl) ether	610	U
95-57-8-----	2-Chlorophenol	610	U
541-73-1-----	1,3-Dichlorobenzene	610	U
106-46-7-----	1,4-Dichlorobenzene	550	U
100-51-6-----	Benzyl alcohol	460	U
95-50-1-----	1,2-Dichlorobenzene	610	U
95-48-7-----	2-Methylphenol	510	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	1300	U
106-44-5-----	4-Methylphenol	560	U
621-64-7-----	N-Nitroso-Di-n-propylamine	550	U
67-72-1-----	Hexachloroethane	610	U
98-95-3-----	Nitrobenzene	560	U
78-59-1-----	Isophorone	560	U
88-75-5-----	2-Nitrophenol	560	U
105-67-9-----	2,4-Dimethylphenol	510	U
65-85-0-----	Benzoic acid	1100	U
111-91-1-----	bis(2-Chloroethoxy)methane	560	U
120-83-2-----	2,4-Dichlorophenol	460	U
120-82-1-----	1,2,4-Trichlorobenzene	560	U
91-20-3-----	Naphthalene	10000	U
106-47-8-----	4-Chloroaniline	470	U
87-68-3-----	Hexachlorobutadiene	610	U
59-50-7-----	4-Chloro-3-methylphenol	530	U
91-57-6-----	2-Methylnaphthalene	11000	U
77-47-4-----	Hexachlorocyclopentadiene	530	U
88-06-2-----	2,4,6-Trichlorophenol	510	U
95-95-4-----	2,4,5-Trichlorophenol	550	U
91-58-7-----	2-Chloronaphthalene	670	U
88-74-4-----	2-Nitroaniline	530	U
131-11-3-----	Dimethylphthalate	470	U
208-96-8-----	Acenaphthylene	540	U
99-09-2-----	3-Nitroaniline	510	U
83-32-9-----	Acenaphthene	1600	U
51-28-5-----	2,4-Dinitrophenol	1100	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-SUB-
4-1.5-2DUPDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6244

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
100-02-7	4-Nitrophenol	480	U
132-64-9	Dibenzofuran	2400	U
121-14-2	2,4-Dinitrotoluene	610	U
606-20-2	2,6-Dinitrotoluene	610	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	720	U
86-73-7	Fluorene	2600	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine	570	U
101-55-3	4-Bromophenyl-phenylether	670	U
118-74-1	Hexachlorobenzene	610	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	8300	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butyl phthalate	830	U
206-44-0	Fluoranthene	1800	U
129-00-0	Pyrene	3500	U
85-68-7	Butylbenzyl phthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benz[a]anthracene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	520	U
218-01-9	Chrysene	2700	U
117-84-0	Di-n-octyl phthalate	470	U
205-99-2	Benzo[b]fluoranthene	870	U
207-08-9	Benzo[k]fluoranthene	520	U
50-32-8	Benzo[a]pyrene	520	U
193-39-5	Indeno[1,2,3-cd]pyrene	610	U
53-70-3	Dibenz[ah]anthracene	720	U
191-24-2	Benzo[ghi]perylene	670	U

*Ans
11/20/98*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-Sub-
4-1.5-2DUPDL

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714695DL

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6244

Level: (low/med) LOW

Date Received: 12/05/97

Moisture: 10 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/30/97

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

SPC Cleanup: (Y/N)N

pH: _____

CONCENTRATION UNITS

(ug/L or ug/Kg) ug/Kg

Number TICS found: 22

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.-----	Unknown	6.18	9600	J
2.-----	Unknown cyclohexane	6.51	7400	J
3.-----	Unknown trimethylbenzene	6.65	8000	J
4 13151-35-4--	Decane, 5-methyl-	7.45	17000	JN
847-72-5---	Decane, 4-methyl-	7.51	9600	JN
6 975-98-0---	Decane, 2-methyl-	7.57	11000	JN
7.13151-34-3--	Decane, 3-methyl-	7.66	13000	JN
8.-----	Unknown	8.12	9000	J
9.-----	Unknown hydrocarbon	10.22	9000	J
10.-----	Unknown cyclohexane	11.15	23000	J
11.-----	Unknown hydrocarbon	11.37	8400	J
12.-----	Unknown hydrocarbon	11.72	12000	J
13.-----	Unknown C12H12	11.82	9400	J
14.-----	Unknown dimethylnaphthalene	12.10	9900	J
15.-----	Unknown hydrocarbon	12.35	27000	J
16.-----	Unknown trimethylnaphthalene	13.43	8900	J
17.-----	Unknown C10H6Cl2	13.60	7700	J
18.-----	Unknown hydrocarbon	14.24	7800	J
19.-----	Unknown C10H5Cl3	15.29	11000	J
20.-----	Unknown hydrocarbon	19.17	8700	J
21.-----	Unknown hydrocarbon	19.36	7400	J
22.-----	Unknown	24.72	7400	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SB712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SB712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6151

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

108-95-2	Phenol	89	U
111-44-4	bis-(2-Chloroethyl) ether	110	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	110	U
106-46-7	1,4-Dichlorobenzene	99	U
100-51-6	Benzyl alcohol	82	U
95-50-1	1,2-Dichlorobenzene	110	U
95-48-7	2-Methylphenol	91	U
108-60-1	2,2'-Oxybis(1-chloropropane)	230	U
106-44-5	4-Methylphenol	100	U
621-64-7	N-Nitroso-Di-n-propylamine	99	U
67-72-1	Hexachloroethane	110	U
98-95-3	Nitrobenzene	100	U
78-59-1	Isophorone	100	U
88-75-5	2-Nitrophenol	100	U
105-67-9	2,4-Dimethylphenol	92	U
65-85-0	Benzoic acid	200	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
120-83-2	2,4-Dichlorophenol	82	U
120-82-1	1,2,4-Trichlorobenzene	100	U
91-20-3	Naphthalene	100	U
106-47-8	4-Chloroaniline	85	U
87-68-3	Hexachlorobutadiene	110	U
59-50-7	4-Chloro-3-methylphenol	96	U
91-57-6	2-Methylnaphthalene	110	U
77-47-4	Hexachlorocyclopentadiene	95	U
88-06-2	2,4,6-Trichlorophenol	92	U
95-95-4	2,4,5-Trichlorophenol	99	U
91-58-7	2-Chloronaphthalene	120	U
88-74-4	2-Nitroaniline	96	U
131-11-3	Dimethylphthalate	84	U
208-96-8	Acenaphthylene	97	U
99-09-2	3-Nitroaniline	91	U
83-32-9	Acenaphthene	140	U
51-28-5	2,4-Dinitrophenol	190	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SB712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SB712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6151

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	87	U
132-64-9-----	Dibenzofuran	130	U
121-14-2-----	2,4-Dinitrotoluene	110	U
606-20-2-----	2,6-Dinitrotoluene	110	U
84-66-2-----	Diethylphthalate	88	U
7005-72-3-----	4-Chlorophenyl-phenylether	130	U
86-73-7-----	Fluorene	150	U
100-01-6-----	4-Nitroaniline	77	U
534-52-1-----	4,6-Dinitro-2-methylphenol	240	U
86-30-6-----	N-Nitrosodiphenylamine	87	U
101-55-3-----	4-Bromophenyl-phenylether	120	U
118-74-1-----	Hexachlorobenzene	110	U
87-86-5-----	Pentachlorophenol	140	U
85-01-8-----	Phenanthrene	130	U
120-12-7-----	Anthracene	120	U
84-74-2-----	Di-n-butyl phthalate	150	U
206-44-0-----	Fluoranthene	150	U
129-00-0-----	Pyrene	76	U
85-68-7-----	Butylbenzyl phthalate	89	U
91-94-1-----	3,3'-Dichlorobenzidine	71	U
56-55-3-----	Benz[a]anthracene	93	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	94	U
218-01-9-----	Chrysene	110	U
117-84-0-----	Di-n-octyl phthalate	85	U
205-99-2-----	Benzo[b]fluoranthene	92	U
207-08-9-----	Benzo[k]fluoranthene	94	U
50-32-8-----	Benzo[a]pyrene	93	U
193-39-5-----	Indeno[1,2,3-cd]pyrene	110	U
53-70-3-----	Dibenz[ah]anthracene	130	U
191-24-2-----	Benzo[ghi]perylene	120	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SB712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SB712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6151

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Number TICS found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
3-1-1.5MS

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MS

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6181

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	2600	
111-44-4-----	bis-(2-Chloroethyl) ether	2500	
95-57-8-----	2-Chlorophenol	2600	
541-73-1-----	1,3-Dichlorobenzene	2600	
106-46-7-----	1,4-Dichlorobenzene	2600	
100-51-6-----	Benzyl alcohol	2600	
95-50-1-----	1,2-Dichlorobenzene	2600	
95-48-7-----	2-Methylphenol	2500	
108-60-1-----	2,2'-Oxybis(1-chloropropane)	2700	
106-44-5-----	4-Methylphenol	2500	
621-64-7-----	N-Nitroso-Di-n-propylamine	2500	
67-72-1-----	Hexachloroethane	1700	
98-95-3-----	Nitrobenzene	3500	
78-59-1-----	Isophorone	3400	
88-75-5-----	2-Nitrophenol	2200	
105-67-9-----	2,4-Dimethylphenol	3600	
65-85-0-----	Benzoic acid	1600	
111-91-1-----	bis(2-Chloroethoxy)methane	3300	
120-83-2-----	2,4-Dichlorophenol	3600	
120-82-1-----	1,2,4-Trichlorobenzene	3600	
91-20-3-----	Naphthalene	3000	
106-47-8-----	4-Chloroaniline	1100	
87-68-3-----	Hexachlorobutadiene	3900	
59-50-7-----	4-Chloro-3-methylphenol	2800	
91-57-6-----	2-Methylnaphthalene	2700	
77-47-4-----	Hexachlorocyclopentadiene	110	U
88-06-2-----	2,4,6-Trichlorophenol	3900	
95-95-4-----	2,4,5-Trichlorophenol	3600	
91-58-7-----	2-Chloronaphthalene	3500	
88-74-4-----	2-Nitroaniline	3600	
131-11-3-----	Dimethylphthalate	4000	
208-96-8-----	Acenaphthylene	3200	
99-09-2-----	3-Nitroaniline	2600	
83-32-9-----	Acenaphthene	3600	
51-28-5-----	2,4-Dinitrophenol	230	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~5A-Sub-~~
3-1-1.5MS

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MS

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6181

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

100-02-7-----	4-Nitrophenol	3000	
132-64-9-----	Dibenzofuran	3700	
121-14-2-----	2,4-Dinitrotoluene	2600	
606-20-2-----	2,6-Dinitrotoluene	3600	
84-66-2-----	Diethylphthalate	3600	
7005-72-3-----	4-Chlorophenyl-phenylether	3500	
86-73-7-----	Fluorene	3200	
100-01-6-----	4-Nitroaniline	2200	
534-52-1-----	4,6-Dinitro-2-methylphenol	290	
86-30-6-----	N-Nitrosodiphenylamine	5000	
101-55-3-----	4-Bromophenyl-phenylether	5000	
118-74-1-----	Hexachlorobenzene	4400	
87-86-5-----	Pentachlorophenol	2800	
85-01-8-----	Phenanthrene	3300	
120-12-7-----	Anthracene	3100	
84-74-2-----	Di-n-butyl phthalate	2900	
206-44-0-----	Fluoranthene	2300	
129-00-0-----	Pyrene	4400	
85-68-7-----	Butylbenzyl phthalate	3400	
91-94-1-----	3,3'-Dichlorobenzidine	1800	
56-55-3-----	Benz[a]anthracene	3600	
117-81-7-----	bis(2-Ethylhexyl)phthalate	3500	
218-01-9-----	Chrysene	3500	
117-84-0-----	Di-n-octyl phthalate	3300	
205-99-2-----	Benzo[b]fluoranthene	3600	
207-08-9-----	Benzo[k]fluoranthene	3300	
50-32-8-----	Benzo[a]pyrene	3200	
193-39-5-----	Indeno[1,2,3-cd]pyrene	3500	
53-70-3-----	Dibenz[ah]anthracene	3800	
191-24-2-----	Benzo[ghi]perylene	4300	

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

5A-Sub-
3-1-1.5MS

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MS

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6181

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

5A-Sub-
3-1-1.5MSD

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MSD

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6182

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2	Phenol	2800	
111-44-4	bis-(2-Chloroethyl) ether	2700	
95-57-8	2-Chlorophenol	2800	
541-73-1	1,3-Dichlorobenzene	2900	
106-46-7	1,4-Dichlorobenzene	2900	
100-51-6	Benzyl alcohol	3000	
95-50-1	1,2-Dichlorobenzene	2900	
95-48-7	2-Methylphenol	2800	
108-60-1	2,2'-Oxybis(1-chloropropane)	3000	
106-44-5	4-Methylphenol	2900	
621-64-7	N-Nitroso-Di-n-propylamine	3000	
67-72-1	Hexachloroethane	1800	
98-95-3	Nitrobenzene	3400	
78-59-1	Isophorone	3500	
88-75-5	2-Nitrophenol	2400	
105-67-9	2,4-Dimethylphenol	3600	
65-85-0	Benzoic acid	1800	
111-91-1	bis(2-Chloroethoxy)methane	3400	
120-83-2	2,4-Dichlorophenol	3800	
120-82-1	1,2,4-Trichlorobenzene	3800	
91-20-3	Naphthalene	3300	
106-47-8	4-Chloroaniline	1200	
87-68-3	Hexachlorobutadiene	4200	
59-50-7	4-Chloro-3-methylphenol	3200	
91-57-6	2-Methylnaphthalene	3400	
77-47-4	Hexachlorocyclopentadiene	110	U
88-06-2	2,4,6-Trichlorophenol	3900	
95-95-4	2,4,5-Trichlorophenol	3700	
91-58-7	2-Chloronaphthalene	3600	
88-74-4	2-Nitroaniline	3500	
131-11-3	Dimethylphthalate	3900	
208-96-8	Acenaphthylene	3400	
99-09-2	3-Nitroaniline	2800	
83-32-9	Acenaphthene	3700	
51-28-5	2,4-Dinitrophenol	230	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

~~5A-Sub-~~
3-1-1.5MSD

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MSD

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6182

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q

100-02-7-----	4-Nitrophenol	4200	
132-64-9-----	Dibenzofuran	3900	
121-14-2-----	2,4-Dinitrotoluene	2700	
606-20-2-----	2,6-Dinitrotoluene	3800	
84-66-2-----	Diethylphthalate	3900	
7005-72-3-----	4-Chlorophenyl-phenylether	4000	
86-73-7-----	Fluorene	3600	
100-01-6-----	4-Nitroaniline	2300	
534-52-1-----	4,6-Dinitro-2-methylphenol	290	
86-30-6-----	N-Nitrosodiphenylamine	5000	
101-55-3-----	4-Bromophenyl-phenylether	5400	
118-74-1-----	Hexachlorobenzene	4700	
87-86-5-----	Pentachlorophenol	2600	
85-01-8-----	Phenanthrene	3800	
120-12-7-----	Anthracene	3400	
84-74-2-----	Di-n-butyl phthalate	3400	
206-44-0-----	Fluoranthene	2400	
129-00-0-----	Pyrene	5700	
85-68-7-----	Butylbenzyl phthalate	4100	
91-94-1-----	3,3'-Dichlorobenzidine	1900	
56-55-3-----	Benz[a]anthracene	3800	
117-81-7-----	bis(2-Ethylhexyl)phthalate	4200	
218-01-9-----	Chrysene	3600	
117-84-0-----	Di-n-octyl phthalate	4000	
205-99-2-----	Benzo[b]fluoranthene	3900	
207-08-9-----	Benzo[k]fluoranthene	3600	
50-32-8-----	Benzo[a]pyrene	3500	
193-39-5-----	Indeno[1,2,3-cd]pyrene	3500	
53-70-3-----	Dibenz[ah]anthracene	3500	
191-24-2-----	Benzo[ghi]perylene	4100	

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

~~5A-Sub-~~
3-1-1.5MSD

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714692MSD

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6182

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/27/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6152

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

108-95-2-----	Phenol	2200	
111-44-4-----	bis-(2-Chloroethyl) ether	2000	
95-57-8-----	2-Chlorophenol	2100	
541-73-1-----	1,3-Dichlorobenzene	1900	
106-46-7-----	1,4-Dichlorobenzene	2000	
100-51-6-----	Benzyl alcohol	2400	
95-50-1-----	1,2-Dichlorobenzene	2000	
95-48-7-----	2-Methylphenol	2100	
108-60-1-----	2,2'-Oxybis(1-chloropropane)	2200	
106-44-5-----	4-Methylphenol	2200	
621-64-7-----	N-Nitroso-Di-n-propylamine	2200	
67-72-1-----	Hexachloroethane	1900	
98-95-3-----	Nitrobenzene	2100	
78-59-1-----	Isophorone	2300	
88-75-5-----	2-Nitrophenol	2300	
105-67-9-----	2,4-Dimethylphenol	1800	
65-85-0-----	Benzoic acid	880	
111-91-1-----	bis(2-Chloroethoxy)methane	2200	
120-83-2-----	2,4-Dichlorophenol	2400	
120-82-1-----	1,2,4-Trichlorobenzene	2300	
91-20-3-----	Naphthalene	2100	
106-47-8-----	4-Chloroaniline	2400	
87-68-3-----	Hexachlorobutadiene	2400	
59-50-7-----	4-Chloro-3-methylphenol	2500	
91-57-6-----	2-Methylnaphthalene	2400	
77-47-4-----	Hexachlorocyclopentadiene	790	
88-06-2-----	2,4,6-Trichlorophenol	2800	
95-95-4-----	2,4,5-Trichlorophenol	2900	
91-58-7-----	2-Chloronaphthalene	2400	
88-74-4-----	2-Nitroaniline	2800	
131-11-3-----	Dimethylphthalate	2800	
208-96-8-----	Acenaphthylene	2400	
99-09-2-----	3-Nitroaniline	2800	
83-32-9-----	Acenaphthene	2500	
51-28-5-----	2,4-Dinitrophenol	2300	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6152

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q

100-02-7-----	4-Nitrophenol	3000	
132-64-9-----	Dibenzofuran	2700	
121-14-2-----	2,4-Dinitrotoluene	3000	
606-20-2-----	2,6-Dinitrotoluene	2800	
84-66-2-----	Diethylphthalate	2700	
7005-72-3-----	4-Chlorophenyl-phenylether	2700	
86-73-7-----	Fluorene	2600	
100-01-6-----	4-Nitroaniline	3000	
534-52-1-----	4,6-Dinitro-2-methylphenol	3100	
86-30-6-----	N-Nitrosodiphenylamine	2800	
101-55-3-----	4-Bromophenyl-phenylether	3100	
118-74-1-----	Hexachlorobenzene	3000	
87-86-5-----	Pentachlorophenol	3100	
85-01-8-----	Phenanthrene	2600	
120-12-7-----	Anthracene	2600	
84-74-2-----	Di-n-butyl phthalate	2500	
206-44-0-----	Fluoranthene	2700	
129-00-0-----	Pyrene	2800	
85-68-7-----	Butylbenzyl phthalate	2700	
91-94-1-----	3,3'-Dichlorobenzidine	2900	
56-55-3-----	Benz[a]anthracene	2800	
117-81-7-----	bis(2-Ethylhexyl)phthalate	2700	
218-01-9-----	Chrysene	2900	
117-84-0-----	Di-n-octyl phthalate	2400	
205-99-2-----	Benzo[b]fluoranthene	2700	
207-08-9-----	Benzo[k]fluoranthene	2800	
50-32-8-----	Benzo[a]pyrene	2700	
193-39-5-----	Indeno[1,2,3-cd]pyrene	3000	
53-70-3-----	Dibenz[ah]anthracene	2900	
191-24-2-----	Benzo[ghi]perylene	3000	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SL712082

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712082

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6152

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/24/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712292

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712292

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6352

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/Kg	Q
108-95-2-----	Phenol	2300	
111-44-4-----	bis-(2-Chloroethyl) ether	110	U
95-57-8-----	2-Chlorophenol	2500	
541-73-1-----	1,3-Dichlorobenzene	110	U
106-46-7-----	1,4-Dichlorobenzene	2300	
100-51-6-----	Benzyl alcohol	82	U
95-50-1-----	1,2-Dichlorobenzene	110	U
95-48-7-----	2-Methylphenol	91	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	230	U
106-44-5-----	4-Methylphenol	100	U
621-64-7-----	N-Nitroso-Di-n-propylamine	2800	
67-72-1-----	Hexachloroethane	110	U
98-95-3-----	Nitrobenzene	100	U
78-59-1-----	Isophorone	100	U
88-75-5-----	2-Nitrophenol	100	U
105-67-9-----	2,4-Dimethylphenol	92	U
65-85-0-----	Benzoic acid	200	U
111-91-1-----	bis(2-Chloroethoxy)methane	100	U
120-83-2-----	2,4-Dichlorophenol	82	U
120-82-1-----	1,2,4-Trichlorobenzene	2500	
91-20-3-----	Naphthalene	100	U
106-47-8-----	4-Chloroaniline	85	U
87-68-3-----	Hexachlorobutadiene	110	U
59-50-7-----	4-Chloro-3-methylphenol	2700	
91-57-6-----	2-Methylnaphthalene	110	U
77-47-4-----	Hexachlorocyclopentadiene	95	U
88-06-2-----	2,4,6-Trichlorophenol	92	U
95-95-4-----	2,4,5-Trichlorophenol	99	U
91-58-7-----	2-Chloronaphthalene	120	U
88-74-4-----	2-Nitroaniline	96	U
131-11-3-----	Dimethylphthalate	84	U
208-96-8-----	Acenaphthylene	97	U
99-09-2-----	3-Nitroaniline	91	U
83-32-9-----	Acenaphthene	2500	
51-28-5-----	2,4-Dinitrophenol	190	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712292

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712292

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6352

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	2900	
132-64-9-----	Dibenzofuran	130	U
121-14-2-----	2,4-Dinitrotoluene	3000	
606-20-2-----	2,6-Dinitrotoluene	110	U
84-66-2-----	Diethylphthalate	88	U
7005-72-3-----	4-Chlorophenyl-phenylether	130	U
86-73-7-----	Fluorene	150	U
100-01-6-----	4-Nitroaniline	77	U
534-52-1-----	4,6-Dinitro-2-methylphenol	240	U
86-30-6-----	N-Nitrosodiphenylamine	87	U
101-55-3-----	4-Bromophenyl-phenylether	120	U
118-74-1-----	Hexachlorobenzene	110	U
87-86-5-----	Pentachlorophenol	2000	
85-01-8-----	Phenanthrene	130	U
120-12-7-----	Anthracene	120	U
84-74-2-----	Di-n-butyl phthalate	2800	
206-44-0-----	Fluoranthene	150	U
129-00-0-----	Pyrene	2600	
85-68-7-----	Butylbenzyl phthalate	89	U
91-94-1-----	3,3'-Dichlorobenzidine	71	U
56-55-3-----	Benz[a]anthracene	93	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	94	U
218-01-9-----	Chrysene	110	U
117-84-0-----	Di-n-octyl phthalate	85	U
205-99-2-----	Benzo[b]fluoranthene	92	U
207-08-9-----	Benzo[k]fluoranthene	94	U
50-32-8-----	Benzo[a]pyrene	93	U
193-39-5-----	Indeno[1,2,3-cd]pyrene	110	U
53-70-3-----	Dibenz[ah]anthracene	130	U
191-24-2-----	Benzo[ghi]perylene	120	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SL712292

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) SOIL

Lab Sample ID: SL712292

Sample wt/vol: 30.0 (g/ml) G

Lab File ID: SC3B6352

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/29/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-SUB-FB

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714696

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6032

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/18/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	4	U
111-44-4-----	bis-(2-Chloroethyl) ether	4	U
95-57-8-----	2-Chlorophenol	3	U
541-73-1-----	1,3-Dichlorobenzene	3	U
106-46-7-----	1,4-Dichlorobenzene	3	U
100-51-6-----	Benzyl alcohol	4	U
95-50-1-----	1,2-Dichlorobenzene	2	U
95-48-7-----	2-Methylphenol	4	U
108-60-1-----	2,2'-Oxybis(1-chloropropane)	4	U
106-44-5-----	4-Methylphenol	4	U
621-64-7-----	N-Nitroso-Di-n-propylamine	4	U
67-72-1-----	Hexachloroethane	3	U
98-95-3-----	Nitrobenzene	4	U
78-59-1-----	Isophorone	4	U
88-75-5-----	2-Nitrophenol	3	U
105-67-9-----	2,4-Dimethylphenol	3	U
65-85-0-----	Benzoic acid	4	U
111-91-1-----	bis(2-Chloroethoxy)methane	4	U
120-83-2-----	2,4-Dichlorophenol	3	U
120-82-1-----	1,2,4-Trichlorobenzene	3	U
91-20-3-----	Naphthalene	3	U
106-47-8-----	4-Chloroaniline	5	U
87-68-3-----	Hexachlorobutadiene	4	U
59-50-7-----	4-Chloro-3-methylphenol	4	U
91-57-6-----	2-Methylnaphthalene	3	U
77-47-4-----	Hexachlorocyclopentadiene	2	U
88-06-2-----	2,4,6-Trichlorophenol	3	U
95-95-4-----	2,4,5-Trichlorophenol	3	U
91-58-7-----	2-Chloronaphthalene	3	U
88-74-4-----	2-Nitroaniline	5	U
131-11-3-----	Dimethylphthalate	3	U
208-96-8-----	Acenaphthylene	4	U
99-09-2-----	3-Nitroaniline	4	U
83-32-9-----	Acenaphthene	3	U
51-28-5-----	2,4-Dinitrophenol	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SA-SUB-FB

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714696

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6032

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/18/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	5	U
132-64-9-----	Dibenzofuran	4	U
121-14-2-----	2,4-Dinitrotoluene	4	U
606-20-2-----	2,6-Dinitrotoluene	4	U
84-66-2-----	Diethylphthalate	3	U
7005-72-3-----	4-Chlorophenyl-phenylether	4	U
86-73-7-----	Fluorene	4	U
100-01-6-----	4-Nitroaniline	4	U
534-52-1-----	4,6-Dinitro-2-methylphenol	6	U
86-30-6-----	N-Nitrosodiphenylamine	4	U
101-55-3-----	4-Bromophenyl-phenylether	5	U
118-74-1-----	Hexachlorobenzene	6	U
87-86-5-----	Pentachlorophenol	5	U
85-01-8-----	Phenanthrene	5	U
120-12-7-----	Anthracene	4	U
84-74-2-----	Di-n-butyl phthalate	4	U
206-44-0-----	Fluoranthene	5	U
129-00-0-----	Pyrene	4	U
85-68-7-----	Butylbenzyl phthalate	4	U
91-94-1-----	3,3'-Dichlorobenzidine	4	U
56-55-3-----	Benz[a]anthracene	3	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	7	U
218-01-9-----	Chrysene	3	U
117-84-0-----	Di-n-octyl phthalate	4	U
205-99-2-----	Benzo[b]fluoranthene	4	U
207-08-9-----	Benzo[k]fluoranthene	3	U
50-32-8-----	Benzo[a]pyrene	4	U
193-39-5-----	Indeno[1,2,3-cd]pyrene	4	U
53-70-3-----	Dibenz[ah]anthracene	4	U
191-24-2-----	Benzo[ghi]perylene	5	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SA-SUB-FB

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714696

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6032

Level: (low/med) LOW

Date Received: 12/05/97

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/18/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Number TICS found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	3.71	5	BJ
2.123-42-2----	2-Pentanone, 4-hydroxy-4-met	4.48	5	ABJN
3.-----	Unknown C3H3Cl3	6.08	5	BJ
4.-----	Unknown	12.81	11	J
5.-----	Unknown	22.98	4	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SB712081

Lab Name: EA LABS Contract: _____
 Lab Code: EAENG Case No: _____ SAS No.: _____ SDG No: _____
 Matrix: (soil/water) WATER Lab Sample ID: SB712081
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SC3B5993
 Level: (low/med) LOW Date Received: / /
 Moisture: _____ decanted: (Y/N) N Date Extracted: 12/08/97
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/97
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 PC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2	Phenol	4	U
111-44-4	bis-(2-Chloroethyl) ether	4	U
95-57-8	2-Chlorophenol	3	U
541-73-1	1,3-Dichlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	3	U
100-51-6	Benzyl alcohol	4	U
5-50-1	1,2-Dichlorobenzene	2	U
95-48-7	2-Methylphenol	4	U
108-60-1	2,2'-Oxybis(1-chloropropane)	4	U
106-44-5	4-Methylphenol	4	U
621-64-7	N-Nitroso-Di-n-propylamine	4	U
67-72-1	Hexachloroethane	3	U
98-95-3	Nitrobenzene	4	U
78-59-1	Isophorone	4	U
88-75-5	2-Nitrophenol	3	U
105-67-9	2,4-Dimethylphenol	3	U
65-85-0	Benzoic acid	4	U
111-91-1	bis(2-Chloroethoxy)methane	4	U
120-83-2	2,4-Dichlorophenol	3	U
120-82-1	1,2,4-Trichlorobenzene	3	U
91-20-3	Naphthalene	3	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	4	U
59-50-7	4-Chloro-3-methylphenol	4	U
91-57-6	2-Methylnaphthalene	3	U
77-47-4	Hexachlorocyclopentadiene	2	U
88-06-2	2,4,6-Trichlorophenol	3	U
95-95-4	2,4,5-Trichlorophenol	3	U
91-58-7	2-Chloronaphthalene	3	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	3	U
208-96-8	Acenaphthylene	4	U
99-09-2	3-Nitroaniline	4	U
33-32-9	Acenaphthene	3	U
1-28-5	2,4-Dinitrophenol	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SB712081

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: SB712081

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B5993

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/17/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

EPC Cleanup: (Y/N)N pH: _____

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
100-02-7-----	4-Nitrophenol	5	U
132-64-9-----	Dibenzofuran	4	U
121-14-2-----	2,4-Dinitrotoluene	4	U
606-20-2-----	2,6-Dinitrotoluene	4	U
84-66-2-----	Diethylphthalate	3	U
7005-72-3-----	4-Chlorophenyl-phenylether	4	U
86-73-7-----	Fluorene	4	U
100-01-6-----	4-Nitroaniline	4	U
534-52-1-----	4,6-Dinitro-2-methylphenol	6	U
86-30-6-----	N-Nitrosodiphenylamine	4	U
101-55-3-----	4-Bromophenyl-phenylether	5	U
118-74-1-----	Hexachlorobenzene	6	U
87-86-5-----	Pentachlorophenol	5	U
85-01-8-----	Phenanthrene	5	U
120-12-7-----	Anthracene	4	U
84-74-2-----	Di-n-butyl phthalate	4	U
206-44-0-----	Fluoranthene	5	U
129-00-0-----	Pyrene	4	U
85-68-7-----	Butylbenzyl phthalate	4	U
91-94-1-----	3,3'-Dichlorobenzidine	4	U
56-55-3-----	Benz[a]anthracene	3	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	7	U
218-01-9-----	Chrysene	3	U
117-84-0-----	Di-n-octyl phthalate	4	U
205-99-2-----	Benzo[b]fluoranthene	4	U
207-08-9-----	Benzo[k]fluoranthene	3	U
50-32-8-----	Benzo[a]pyrene	4	U
193-39-5-----	Indeno[1,2,3-cd]pyrene	4	U
53-70-3-----	Dibenz[ah]anthracene	4	U
191-24-2-----	Benzo[ghi]perylene	5	U

060096

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SB712081

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: SB712081

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B5993

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/17/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N)N

pH: _____

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

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.-----	Unknown	3.72	10	J
2.123-42-2----	2-Pentanone, 4-hydroxy-4-met	4.51	8	AJN
3.-----	Unknown C3H3Cl3	6.11	17	~~BJ~~
4.-----	Unknown	8.93	9	~~BJ~~

Handwritten:
1/27/98

060007

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6066

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N)N

pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L

Q

108-95-2-----Phenol	4	U
111-44-4-----bis-(2-Chloroethyl) ether	4	U
95-57-8-----2-Chlorophenol	3	U
541-73-1-----1,3-Dichlorobenzene	3	U
106-46-7-----1,4-Dichlorobenzene	3	U
100-51-6-----Benzyl alcohol	4	U
95-50-1-----1,2-Dichlorobenzene	2	U
95-48-7-----2-Methylphenol	4	U
108-60-1-----2,2'-Oxybis(1-chloropropane)	4	U
106-44-5-----4-Methylphenol	4	U
621-64-7-----N-Nitroso-Di-n-propylamine	4	U
67-72-1-----Hexachloroethane	3	U
98-95-3-----Nitrobenzene	4	U
78-59-1-----Isophorone	4	U
88-75-5-----2-Nitrophenol	3	U
105-67-9-----2,4-Dimethylphenol	3	U
65-85-0-----Benzoic acid	4	U
111-91-1-----bis(2-Chloroethoxy)methane	4	U
120-83-2-----2,4-Dichlorophenol	3	U
120-82-1-----1,2,4-Trichlorobenzene	3	U
91-20-3-----Naphthalene	3	U
106-47-8-----4-Chloroaniline	5	U
87-68-3-----Hexachlorobutadiene	4	U
59-50-7-----4-Chloro-3-methylphenol	4	U
91-57-6-----2-Methylnaphthalene	3	U
77-47-4-----Hexachlorocyclopentadiene	2	U
88-06-2-----2,4,6-Trichlorophenol	3	U
95-95-4-----2,4,5-Trichlorophenol	3	U
91-58-7-----2-Chloronaphthalene	3	U
88-74-4-----2-Nitroaniline	5	U
131-11-3-----Dimethylphthalate	3	U
208-96-8-----Acenaphthylene	4	U
99-09-2-----3-Nitroaniline	4	U
83-32-9-----Acenaphthene	3	U
51-28-5-----2,4-Dinitrophenol	6	U

060110

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6066

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	5	U
132-64-9-----	Dibenzofuran	4	U
121-14-2-----	2,4-Dinitrotoluene	4	U
606-20-2-----	2,6-Dinitrotoluene	4	U
84-66-2-----	Diethylphthalate	3	U
7005-72-3-----	4-Chlorophenyl-phenylether	4	U
86-73-7-----	Fluorene	4	U
100-01-6-----	4-Nitroaniline	4	U
534-52-1-----	4,6-Dinitro-2-methylphenol	6	U
86-30-6-----	N-Nitrosodiphenylamine	4	U
101-55-3-----	4-Bromophenyl-phenylether	5	U
118-74-1-----	Hexachlorobenzene	6	U
87-86-5-----	Pentachlorophenol	5	U
85-01-8-----	Phenanthrene	5	U
120-12-7-----	Anthracene	4	U
84-74-2-----	Di-n-butyl phthalate	4	U
206-44-0-----	Fluoranthene	5	U
129-00-0-----	Pyrene	4	U
85-68-7-----	Butylbenzyl phthalate	4	U
91-94-1-----	3,3'-Dichlorobenzidine	4	U
56-55-3-----	Benz[a]anthracene	3	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	120	
218-01-9-----	Chrysene	3	U
117-84-0-----	Di-n-octyl phthalate	18	
205-99-2-----	Benzo[b]fluoranthene	4	U
207-08-9-----	Benzo[k]fluoranthene	3	U
50-32-8-----	Benzo[a]pyrene	4	U
193-39-5-----	Indeno[1,2,3-cd]pyrene	4	U
53-70-3-----	Dibenz[ah]anthracene	4	U
191-24-2-----	Benzo[ghi]perylene	5	U

060111

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

REFERENCE

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B6066

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCE MS

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719MS

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SC3B6067

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2	Phenol	82	
111-44-4	bis-(2-Chloroethyl) ether	78	
95-57-8	2-Chlorophenol	75	
541-73-1	1,3-Dichlorobenzene	70	
106-46-7	1,4-Dichlorobenzene	68	
100-51-6	Benzyl alcohol	94	
95-50-1	1,2-Dichlorobenzene	69	
95-48-7	2-Methylphenol	76	
108-60-1	2,2'-Oxybis(1-chloropropane)	95	
106-44-5	4-Methylphenol	78	
621-64-7	N-Nitroso-Di-n-propylamine	81	
67-72-1	Hexachloroethane	72	
98-95-3	Nitrobenzene	85	
78-59-1	Isophorone	79	
88-75-5	2-Nitrophenol	86	
105-67-9	2,4-Dimethylphenol	51	
65-85-0	Benzoic acid	43	
111-91-1	bis(2-Chloroethoxy)methane	79	
120-83-2	2,4-Dichlorophenol	80	
120-82-1	1,2,4-Trichlorobenzene	74	
91-20-3	Naphthalene	75	
106-47-8	4-Chloroaniline	64	
87-68-3	Hexachlorobutadiene	75	
59-50-7	4-Chloro-3-methylphenol	84	
91-57-6	2-Methylnaphthalene	77	
77-47-4	Hexachlorocyclopentadiene	2	U
88-06-2	2,4,6-Trichlorophenol	91	
95-95-4	2,4,5-Trichlorophenol	88	
91-58-7	2-Chloronaphthalene	78	
88-74-4	2-Nitroaniline	100	
131-11-3	Dimethylphthalate	8	
208-96-8	Acenaphthylene	79	
99-09-2	3-Nitroaniline	77	
83-32-9	Acenaphthene	80	
51-28-5	2,4-Dinitrophenol	85	

063116

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCE(S)

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719MS

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SC3B6067

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	99	
132-64-9-----	Dibenzofuran	84	
121-14-2-----	2,4-Dinitrotoluene	91	
606-20-2-----	2,6-Dinitrotoluene	92	
84-66-2-----	Diethylphthalate	31	
7005-72-3-----	4-Chlorophenyl-phenylether	79	
36-73-7-----	Fluorene	82	
100-01-6-----	4-Nitroaniline	94	
534-52-1-----	4,6-Dinitro-2-methylphenol	96	
86-30-6-----	N-Nitrosodiphenylamine	82	
101-55-3-----	4-Bromophenyl-phenylether	81	
118-74-1-----	Hexachlorobenzene	78	
87-86-5-----	Pentachlorophenol	88	
85-01-8-----	Phenanthrene	78	
120-12-7-----	Anthracene	78	
84-74-2-----	Di-n-butyl phthalate	68	
206-44-0-----	Fluoranthene	85	
129-00-0-----	Pyrene	82	
85-68-7-----	Butylbenzyl phthalate	68	
91-94-1-----	3,3'-Dichlorobenzidine	60	
56-55-3-----	Benz[a]anthracene	88	
117-81-7-----	bis(2-Ethylhexyl)phthalate	100	
218-01-9-----	Chrysene	91	
117-84-0-----	Di-n-octyl phthalate	77	
205-99-2-----	Benzo[b]fluoranthene	74	
207-08-9-----	Benzo[k]fluoranthene	83	
50-32-8-----	Benzo[a]pyrene	76	
193-39-5-----	Indeno[1,2,3-cd]pyrene	82	
53-70-3-----	Dibenz[ah]anthracene	80	
191-24-2-----	Benzo[ghi]perylene	80	

060117

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

REFERENCEMS

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719MS

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SC3B6067

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N)N

pH: _____

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

Number TICS found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCMSD

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719MSD

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SC3B6068

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N)N pH: _____

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
108-95-2-----	Phenol	85	
111-44-4-----	bis-(2-Chloroethyl) ether	80	
95-57-8-----	2-Chlorophenol	79	
541-73-1-----	1,3-Dichlorobenzene	74	
106-46-7-----	1,4-Dichlorobenzene	74	
100-51-6-----	Benzyl alcohol	95	
95-50-1-----	1,2-Dichlorobenzene	73	
95-48-7-----	2-Methylphenol	80	
108-60-1-----	2,2'-Oxybis(1-chloropropane)	98	
106-44-5-----	4-Methylphenol	86	
621-64-7-----	N-Nitroso-Di-n-propylamine	84	
67-72-1-----	Hexachloroethane	79	
98-95-3-----	Nitrobenzene	84	
78-59-1-----	Isophorone	82	
88-75-5-----	2-Nitrophenol	87	
105-67-9-----	2,4-Dimethylphenol	50	
65-85-0-----	Benzoic acid	23	
111-91-1-----	bis(2-Chloroethoxy) methane	83	
120-83-2-----	2,4-Dichlorophenol	85	
120-82-1-----	1,2,4-Trichlorobenzene	78	
91-20-3-----	Naphthalene	79	
106-47-8-----	4-Chloroaniline	68	
87-68-3-----	Hexachlorobutadiene	78	
59-50-7-----	4-Chloro-3-methylphenol	88	
91-57-6-----	2-Methylnaphthalene	82	
77-47-4-----	Hexachlorocyclopentadiene	2	U
88-06-2-----	2,4,6-Trichlorophenol	93	
95-95-4-----	2,4,5-Trichlorophenol	90	
91-58-7-----	2-Chloronaphthalene	82	
88-74-4-----	2-Nitroaniline	100	
131-11-3-----	Dimethylphthalate	16	
208-96-8-----	Acenaphthylene	83	
99-09-2-----	3-Nitroaniline	79	
83-32-9-----	Acenaphthene	85	
51-28-5-----	2,4-Dinitrophenol	74	

060122

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCE MSD

Lab Name: EA LABS Contract: _____

Lab Code: EAENG Case No: _____ SAS No.: _____ SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 9714719MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SC3B6068

Level: (low/med) LOW Date Received: / /

Moisture: _____ decanted: (Y/N) N Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL) Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----4-Nitrophenol_____	100	
132-64-9-----Dibenzofuran_____	89	
121-14-2-----2,4-Dinitrotoluene_____	96	
606-20-2-----2,6-Dinitrotoluene_____	94	
84-66-2-----Diethylphthalate_____	39	
7005-72-3-----4-Chlorophenyl-phenylether_____	84	
96-73-7-----Fluorene_____	88	
100-01-6-----4-Nitroaniline_____	96	
534-52-1-----4,6-Dinitro-2-methylphenol_____	95	
86-30-6-----N-Nitrosodiphenylamine_____	82	
101-55-3-----4-Bromophenyl-phenylether_____	83	
118-74-1-----Hexachlorobenzene_____	80	
87-86-5-----Pentachlorophenol_____	88	
85-01-8-----Phenanthrene_____	83	
120-12-7-----Anthracene_____	81	
84-74-2-----Di-n-butyl phthalate_____	77	
206-44-0-----Fluoranthene_____	89	
129-00-0-----Pyrene_____	83	
85-68-7-----Butylbenzyl phthalate_____	80	
91-94-1-----3,3'-Dichlorobenzidine_____	61	
56-55-3-----Benz[a]anthracene_____	91	
117-81-7-----bis(2-Ethylhexyl)phthalate_____	120	E
218-01-9-----Chrysene_____	92	
117-84-0-----Di-n-octyl phthalate_____	85	
205-99-2-----Benzo[b]fluoranthene_____	81	
207-08-9-----Benzo[k]fluoranthene_____	84	
50-32-8-----Benzo[a]pyrene_____	80	
193-39-5-----Indeno[1,2,3-cd]pyrene_____	85	
53-70-3-----Dibenz[ah]anthracene_____	86	
191-24-2-----Benzo[ghi]perylene_____	85	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

REFERENCE MSD

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: 9714719MSD

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SC3B6068

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/20/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

SPC Cleanup: (Y/N) N

pH: _____

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

Number TICS found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712081

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: SL712081

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B5994

Level: (low/med) LOW

Date Received: / /

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/17/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	80	
111-44-4-----	bis-(2-Chloroethyl) ether	78	
95-57-8-----	2-Chlorophenol	80	
541-73-1-----	1,3-Dichlorobenzene	79	
106-46-7-----	1,4-Dichlorobenzene	76	
100-51-6-----	Benzyl alcohol	89	
95-50-1-----	1,2-Dichlorobenzene	76	
95-48-7-----	2-Methylphenol	77	
108-60-1-----	2,2'-Oxybis(1-chloropropane)	84	
106-44-5-----	4-Methylphenol	80	
621-64-7-----	N-Nitroso-Di-n-propylamine	79	
67-72-1-----	Hexachloroethane	76	
98-95-3-----	Nitrobenzene	81	
78-59-1-----	Isophorone	80	
88-75-5-----	2-Nitrophenol	85	
105-67-9-----	2,4-Dimethylphenol	57	
65-85-0-----	Benzoic acid	11	
111-91-1-----	bis(2-Chloroethoxy)methane	81	
120-83-2-----	2,4-Dichlorophenol	87	
120-82-1-----	1,2,4-Trichlorobenzene	83	
91-20-3-----	Naphthalene	80	
106-47-8-----	4-Chloroaniline	74	
87-68-3-----	Hexachlorobutadiene	85	
59-50-7-----	4-Chloro-3-methylphenol	84	
91-57-6-----	2-Methylnaphthalene	84	
77-47-4-----	Hexachlorocyclopentadiene	2	U
88-06-2-----	2,4,6-Trichlorophenol	89	
95-95-4-----	2,4,5-Trichlorophenol	86	
91-58-7-----	2-Chloronaphthalene	82	
88-74-4-----	2-Nitroaniline	87	
131-11-3-----	Dimethylphthalate	14	
208-96-8-----	Acenaphthylene	82	
99-09-2-----	3-Nitroaniline	80	
83-32-9-----	Acenaphthene	83	
51-28-5-----	2,4-Dinitrophenol	75	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

SL712081

Lab Name: EA LABS Contract: _____

Lab Code: EAENG Case No: _____ SAS No.: _____ SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: SL712081

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SC3B5994

Level: (low/med) LOW Date Received: / /

Moisture: _____ decanted: (Y/N) N Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

SPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

100-02-7-----	4-Nitrophenol	89	
132-64-9-----	Dibenzofuran	85	
121-14-2-----	2,4-Dinitrotoluene	92	
606-20-2-----	2,6-Dinitrotoluene	94	
84-66-2-----	Diethylphthalate	37	
7005-72-3-----	4-Chlorophenyl-phenylether	85	
36-73-7-----	Fluorene	85	
100-01-6-----	4-Nitroaniline	95	
534-52-1-----	4,6-Dinitro-2-methylphenol	91	
86-30-6-----	N-Nitrosodiphenylamine	81	
101-55-3-----	4-Bromophenyl-phenylether	92	
118-74-1-----	Hexachlorobenzene	86	
87-86-5-----	Pentachlorophenol	97	
85-01-8-----	Phenanthrene	83	
120-12-7-----	Anthracene	83	
84-74-2-----	Di-n-butyl phthalate	77	
206-44-0-----	Fluoranthene	92	
129-00-0-----	Pyrene	78	
85-68-7-----	Butylbenzyl phthalate	68	
91-94-1-----	3,3'-Dichlorobenzidine	82	
56-55-3-----	Benz[a]anthracene	86	
117-81-7-----	bis(2-Ethylhexyl)phthalate	86	
218-01-9-----	Chrysene	90	
117-84-0-----	Di-n-octyl phthalate	70	
205-99-2-----	Benzo[b]fluoranthene	75	
207-08-9-----	Benzo[k]fluoranthene	82	
50-32-8-----	Benzo[a]pyrene	79	
193-39-5-----	Indeno[1,2,3-cd]pyrene	96	
53-70-3-----	Dibenz[ah]anthracene	97	
191-24-2-----	Benzo[ghi]perylene	96	

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

SL712081

Lab Name: EA LABS

Contract:

Lab Code: EAENG

Case No:

SAS No.: _____

SDG No:

Matrix: (soil/water) WATER

Lab Sample ID: SL712081

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: SC3B5994

Level: (low/med) LOW

Date Received: / /

Moisture: _____ decanted: (Y/N) N

Date Extracted: 12/08/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/17/97

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

Number TICS found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: EA Laboratories Contract: 02855.91 SA-Sub-1-0-0.5

Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714687

Sample wt/vol: 30 (g/ml) G Lab File ID: 884FAPSQ.D

% Moisture: 14 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	0.34	U
58-89-9	gamma-BHC	2.5	P
76-44-8	Heptachlor	1.1	P
309-00-2	Aldrin	4.4	P
319-85-7	beta-BHC	0.26	U
319-86-8	delta-BHC	0.21	U
1024-57-3	Heptachlor Epoxide	22	P
959-98-8	Endosulfan I	65	EP
5103-74-2	gamma-Chlordane	0.40	U
5103-71-9	alpha-Chlordane	0.34	U
72-55-9	4,4'-DDE	12	P
60-57-1	Dieldrin	19	
72-20-8	Endrin	0.49	U
33213-65-9	Endosulfan II	0.50	U
72-54-8	4,4'-DDD	4.1	P
50-29-3	4,4'-DDT	1.5	P
7421-36-3	Endrin Aldehyde	4.5	P
1031-07-8	Endosulfan Sulfate	1.4	P
72-43-5	Methoxychlor	3.7	U
53494-70-5	Endrin Ketone	6.1	P
12674-11-2	Aroclor-1016	6.4	U
11104-28-2	Aroclor-1221	58	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	6.0	U
12672-29-6	Aroclor-1248	11	U
11097-69-1	Aroclor-1254	15	U
11096-82-5	Aroclor-1260	6.2	U
8001-35-2	Toxaphene	73	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: EA Laboratories Contract: 02855.91 Sub 1-0-0.5 DL

Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714687X3

Sample wt/vol: 30 (g/ml) G Lab File ID: 030FAQSQ.D

% Moisture: 14 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.0	U
58-89-9	gamma-BHC	0.84	U
76-44-8	Heptachlor	1.0	U
309-00-2	Aldrin	0.84	U
319-85-7	beta-BHC	0.77	U
319-86-8	delta-BHC	0.63	U
1024-57-3	Heptachlor Epoxide	0.73	U
959-98-8	Endosulfan I	78	P
5103-74-2	gamma-Chlordane	1.2	U
5103-71-9	alpha-Chlordane	1.0	U
72-55-9	4,4'-DDE	3.3	U
60-57-1	Dieldrin	1.5	U
72-20-8	Endrin	1.5	U
33213-65-9	Endosulfan II	1.5	U
72-54-8	4,4'-DDD	1.7	U
50-29-3	4,4'-DDT	2.3	U
7421-36-3	Endrin Aldehyde	2.5	U
1031-07-8	Endosulfan Sulfate	2.0	U
72-43-5	Methoxychlor	11	U
53494-70-5	Endrin Ketone	1.4	U
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	18	U
12672-29-6	Aroclor-1248	32	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	18	U
8001-35-2	Toxaphene	220	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB 1-2-2.5

Lab Name: EA Laboratories Contract: 02855.91

Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714688

Sample wt/vol: 30 (g/ml) G Lab File ID: 789FAPSQ.D

% Moisture: 20 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.36	U
58-89-9	gamma-BHC	0.93	P
76-44-8	Heptachlor	0.38	U
309-00-2	Aldrin	4.0	
319-85-7	beta-BHC	0.27	U
319-86-8	delta-BHC	0.23	U
1024-57-3	Heptachlor Epoxide	0.26	U
959-98-8	Endosulfan I	3.8	P
5103-74-2	gamma-Chlordane	0.42	U
5103-71-9	alpha-Chlordane	0.36	U
72-55-9	4,4'-DDE	1.2	U
60-57-1	Dieldrin	1.7	
72-20-8	Endrin	0.52	U
33213-65-9	Endosulfan II	0.54	U
72-54-8	4,4'-DDD	0.62	U
50-29-3	4,4'-DDT	0.82	U
7421-36-3	Endrin Aldehyde	0.89	U
1031-07-8	Endosulfan Sulfate	0.72	U
72-43-5	Methoxychlor	4.0	U
53494-70-5	Endrin Ketone	0.51	U
12674-11-2	Aroclor-1016	6.9	U
11104-28-2	Aroclor-1221	62	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	6.5	U
12672-29-6	Aroclor-1248	12	U
11097-69-1	Aroclor-1254	16	U
11096-82-5	Aroclor-1260	6.6	U
8001-35-2	Toxaphene	79	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: EA Laboratories

Contract: 02855.91

SAS-2-0-0.5

Code: EAENG

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: 9714689

Sample wt/vol: 30 (g/ml) G

Lab File ID: 885FAPSQ.D

% Moisture: 15 decanted: (Y/N) N

Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/14/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	0.34		U
58-89-9	gamma-BHC	0.28		U
76-44-8	Heptachlor	0.35		U
309-00-2	Aldrin	1.2		P
319-85-7	beta-BHC	0.26		U
319-86-8	delta-BHC	0.21		U
1024-57-3	Heptachlor Epoxide	3.9		P
959-98-8	Endosulfan I	12		P
5103-74-2	gamma-Chlordane	0.40		U
5103-71-9	alpha-Chlordane	0.34		U
72-55-9	4,4'-DDE	1.8		P
60-57-1	Dieldrin	4.4		
72-20-8	Endrin	0.49		U
33213-65-9	Endosulfan II	0.51		U
72-54-8	4,4'-DDD	0.70		P
50-29-3	4,4'-DDT	1.0		P
7421-36-3	Endrin Aldehyde	0.84		U
1031-07-8	Endosulfan Sulfate	0.68		U
72-43-5	Methoxychlor	3.8		U
53494-70-5	Endrin Ketone	0.48		U
12674-11-2	Aroclor-1016	6.5		U
11104-28-2	Aroclor-1221	59		U
11141-16-5	Aroclor-1232	18		U
53469-21-9	Aroclor-1242	6.1		U
12672-29-6	Aroclor-1248	11		U
11097-69-1	Aroclor-1254	15		U
11096-82-5	Aroclor-1260	6.2		U
8001-35-2	Toxaphene	74		U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: EA Laboratories

Contract: 02855.91

5A-SUB-2-2-2.5

Code: EAENG

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9714690

Sample wt/vol: 30 (g/ml) G

Lab File ID: 795FAPSQ.D

% Moisture: 13 decanted: (Y/N) N

Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	0.33	U
58-89-9	gamma-BHC	0.28	U
76-44-8	Heptachlor	0.34	U
309-00-2	Aldrin	0.77	P
319-85-7	beta-BHC	0.25	U
319-86-8	delta-BHC	0.21	U
1024-57-3	Heptachlor Epoxide	2.5	P
959-98-8	Endosulfan I	6.9	P
5103-74-2	gamma-Chlordane	0.39	U
5103-71-9	alpha-Chlordane	0.33	U
72-55-9	4,4'-DDE	1.1	U
60-57-1	Dieldrin	1.0	P
72-20-8	Endrin	0.48	U
33213-65-9	Endosulfan II	0.49	U
72-54-8	4,4'-DDD	0.94	P
50-29-3	4,4'-DDT	0.98	P
7421-36-3	Endrin Aldehyde	0.82	U
1031-07-8	Endosulfan Sulfate	0.67	U
72-43-5	Methoxychlor	3.7	U
53494-70-5	Endrin Ketone	1.2	P
12674-11-2	Aroclor-1016	6.3	U
11104-28-2	Aroclor-1221	57	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	6.0	U
12672-29-6	Aroclor-1248	11	U
11097-69-1	Aroclor-1254	15	U
11096-82-5	Aroclor-1260	6.1	U
8001-35-2	Toxaphene	72	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7116-3-0-0.5

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714691

Sample wt/vol: 30 (g/ml) G Lab File ID: 796FAPSQ.D

% Moisture: 12 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.33	U
58-89-9	gamma-BHC	0.27	U
76-44-8	Heptachlor	0.34	U
309-00-2	Aldrin	0.86	P
319-85-7	beta-BHC	0.25	U
319-86-8	delta-BHC	0.20	U
1024-57-3	Heptachlor Epoxide	2.6	P
959-98-8	Endosulfan I	3.8	P
5103-74-2	gamma-Chlordane	0.39	U
5103-71-9	alpha-Chlordane	0.33	U
72-55-9	4,4'-DDE	1.1	U
60-57-1	Dieldrin	0.62	
72-20-8	Endrin	0.48	U
33213-65-9	Endosulfan II	0.49	U
72-54-8	4,4'-DDD	0.57	U
50-29-3	4,4'-DDT	0.75	U
7421-36-3	Endrin Aldehyde	0.81	U
1031-07-8	Endosulfan Sulfate	2.4	P
72-43-5	Methoxychlor	3.6	U
53494-70-5	Endrin Ketone	0.47	U
12674-11-2	Aroclor-1016	6.2	U
11104-28-2	Aroclor-1221	57	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	5.9	U
12672-29-6	Aroclor-1248	11	U
11097-69-1	Aroclor-1254	15	U
11096-82-5	Aroclor-1260	6.0	U
8001-35-2	Toxaphene	72	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Sub 3-1-1.5

Lab Name: EA Laboratories Contract: 02855.91
 Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 9714692
 Sample wt/vol: 30 (g/ml) G Lab File ID: 790FAPSQ.D
 % Moisture: 17 decanted: (Y/N) N Date Received: 12/05/97
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.35	U
58-89-9	gamma-BHC	2.0	P
76-44-8	Heptachlor	2.2	P
309-00-2	Aldrin	3.6	P
319-85-7	beta-BHC	0.27	U
319-86-8	delta-BHC	2.6	P
1024-57-3	Heptachlor Epoxide	0.25	U
959-98-8	Endosulfan I	9.5	P
5103-74-2	gamma-Chlordane	0.41	U
5103-71-9	alpha-Chlordane	0.35	U
72-55-9	4,4'-DDE	1.2	U
60-57-1	Dieldrin	12	
72-20-8	Endrin	0.51	U
33213-65-9	Endosulfan II	0.52	U
72-54-8	4,4'-DDD	0.60	U
50-29-3	4,4'-DDT	0.80	U
7421-36-3	Endrin Aldehyde	0.86	U
1031-07-8	Endosulfan Sulfate	0.70	U
72-43-5	Methoxychlor	3.9	U
53494-70-5	Endrin Ketone	0.49	U
12674-11-2	Aroclor-1016	6.6	U
11104-28-2	Aroclor-1221	60	U
11141-16-5	Aroclor-1232	18	U
53469-21-9	Aroclor-1242	6.3	U
12672-29-6	Aroclor-1248	11	U
11097-69-1	Aroclor-1254	16	U
11096-82-5	Aroclor-1260	6.4	U
8001-35-2	Toxaphene	76	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUP-4-0-0.5

Lab Name: EA Laboratories Contract: 02855.91
 Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 9714693
 Sample wt/vol: 30 (g/ml) G Lab File ID: 886FAPSQ.D
 % Moisture: 12 decanted: (Y/N) N Date Received: 12/05/97
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/14/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	0.33		U
58-89-9	gamma-BHC	1.8		P
76-44-8	Heptachlor	2.1		P
309-00-2	Aldrin	14		P
319-85-7	beta-BHC	0.25		U
319-86-8	delta-BHC	0.20		U
1024-57-3	Heptachlor Epoxide	57		EP
959-98-8	Endosulfan I	22		P
5103-74-2	gamma-Chlordane	0.39		U
5103-71-9	alpha-Chlordane	0.33		U
72-55-9	4,4'-DDE	13		P
60-57-1	Dieldrin	2.5		P
72-20-8	Endrin	0.48		U
33213-65-9	Endosulfan II	0.49		U
72-54-8	4,4'-DDD	13		P
50-29-3	4,4'-DDT	4.7		P
7421-36-3	Endrin Aldehyde	0.81		U
1031-07-8	Endosulfan Sulfate	4.9		P
72-43-5	Methoxychlor	3.6		U
53494-70-5	Endrin Ketone	38		
12674-11-2	Aroclor-1016	6.2		U
11104-28-2	Aroclor-1221	57		U
11141-16-5	Aroclor-1232	17		U
53469-21-9	Aroclor-1242	5.9		U
12672-29-6	Aroclor-1248	11		U
11097-69-1	Aroclor-1254	15		U
11096-82-5	Aroclor-1260	6.0		U
8001-35-2	Toxaphene	72		U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-464-0-0.5 DL

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714693X3

Sample wt/vol: 30 (g/ml) G Lab File ID: 031FAQSQ.D

% Moisture: 12 decanted:(Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.99	U
58-89-9	gamma-BHC	0.82	U
76-44-8	Heptachlor	1.0	U
309-00-2	Aldrin	0.82	U
319-85-7	beta-BHC	0.75	U
319-86-8	delta-BHC	0.61	U
1024-57-3	Heptachlor Epoxide	67	P
959-98-8	Endosulfan I	0.89	U
5103-74-2	gamma-Chlordane	1.2	U
5103-71-9	alpha-Chlordane	0.99	U
72-55-9	4,4'-DDE	3.3	U
60-57-1	Dieldrin	1.5	U
72-20-8	Endrin	1.4	U
33213-65-9	Endosulfan II	1.5	U
72-54-8	4,4'-DDD	1.7	U
50-29-3	4,4'-DDT	2.2	U
7421-36-3	Endrin Aldehyde	2.4	U
1031-07-8	Endosulfan Sulfate	2.0	U
72-43-5	Methoxychlor	11	U
53494-70-5	Endrin Ketone	1.4	U
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	18	U
12672-29-6	Aroclor-1248	32	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	18	U
8001-35-2	Toxaphene	210	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

4-sub-4-1.5-2

Lab Name: EA Laboratories Contract: 02855.91
 Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 9714694
 Sample wt/vol: 30 (g/ml) G Lab File ID: 791FAPSQ.D
 % Moisture: 12 decanted:(Y/N) N Date Received: 12/05/97
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	1.4	P	
58-89-9	gamma-BHC	0.27	U	
76-44-8	Heptachlor	0.34	U	
309-00-2	Aldrin	1.8	P	
319-85-7	beta-BHC	0.25	U	
319-86-8	delta-BHC	6.4	P	
1024-57-3	Heptachlor Epoxide	0.24	U	
959-98-8	Endosulfan I	0.30	U	
5103-74-2	gamma-Chlordane	240	EP	
5103-71-9	alpha-Chlordane	870	EP	
72-55-9	4,4'-DDE	1.1	U	
60-57-1	Dieldrin	38	P	
72-20-8	Endrin	0.48	U	
33213-65-9	Endosulfan II	3.9	P	
72-54-8	4,4'-DDD	2.7	P	
50-29-3	4,4'-DDT	3.6	P	
7421-36-3	Endrin Aldehyde	14	P	
1031-07-8	Endosulfan Sulfate	0.66	U	
72-43-5	Methoxychlor	7.8	P	
53494-70-5	Endrin Ketone	0.47	U	
12674-11-2	Aroclor-1016	6.2	U	
11104-28-2	Aroclor-1221	57	U	
11141-16-5	Aroclor-1232	17	U	
53469-21-9	Aroclor-1242	5.9	U	
12672-29-6	Aroclor-1248	11	U	
11097-69-1	Aroclor-1254	15	U	
11096-82-5	Aroclor-1260	6.0	U	
8001-35-2	Toxaphene	72	U	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA 4-1.5-2 DL

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714694X50

Sample wt/vol: 30 (g/ml) G Lab File ID: 028FAQSQ.D

% Moisture: 12 decanted:(Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	16	U
58-89-9	gamma-BHC	14	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	14	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	10	U
1024-57-3	Heptachlor Epoxide	12	U
959-98-8	Endosulfan I	15	U
5103-74-2	gamma-Chlordane	19	U
5103-71-9	alpha-Chlordane	16	U
72-55-9	4,4'-DDE	55	U
60-57-1	Dieldrin	25	U
72-20-8	Endrin	24	U
33213-65-9	Endosulfan II	24	U
72-54-8	4,4'-DDD	28	U
50-29-3	4,4'-DDT	38	U
7421-36-3	Endrin Aldehyde	40	U
1031-07-8	Endosulfan Sulfate	33	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin Ketone	23	U
12674-11-2	Aroclor-1016	310	U
11104-28-2	Aroclor-1221	2800	U
11141-16-5	Aroclor-1232	850	U
53469-21-9	Aroclor-1242	300	U
12672-29-6	Aroclor-1248	530	U
11097-69-1	Aroclor-1254	740	U
11096-82-5	Aroclor-1260	300	U
8001-35-2	Toxaphene	3600	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP-748-1.5-2DUP

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714695

Sample wt/vol: 30 (g/ml) G Lab File ID: 792FAPSQ.D

% Moisture: 10 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	P
58-89-9	gamma-BHC	0.27	U
76-44-8	Heptachlor	0.33	U
309-00-2	Aldrin	0.27	U
319-85-7	beta-BHC	2.0	P
319-86-8	delta-BHC	0.20	U
1024-57-3	Heptachlor Epoxide	35	EP
959-98-8	Endosulfan I	0.29	U
5103-74-2	gamma-Chlordane	170	EP
5103-71-9	alpha-Chlordane	390	EP
72-55-9	4,4'-DDE	1.1	U
60-57-1	Dieldrin	17	P
72-20-8	Endrin	0.47	U
33213-65-9	Endosulfan II	4.0	
72-54-8	4,4'-DDD	1.6	P
50-29-3	4,4'-DDT	3.8	P
7421-36-3	Endrin Aldehyde	11	P
1031-07-8	Endosulfan Sulfate	2.7	P
72-43-5	Methoxychlor	7.5	
53494-70-5	Endrin Ketone	0.46	U
12674-11-2	Aroclor-1016	6.1	U
11104-28-2	Aroclor-1221	56	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	5.8	U
12672-29-6	Aroclor-1248	10	U
11097-69-1	Aroclor-1254	14	U
11096-82-5	Aroclor-1260	5.9	U
8001-35-2	Toxaphene	70	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-Sub 4-1.5-2DUP DL

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714695X20

Sample wt/vol: 30 (g/ml) G Lab File ID: 029FAQSQ.D

% Moisture: 10 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	6.4	U
58-89-9	gamma-BHC	5.3	U
76-44-8	Heptachlor	6.7	U
309-00-2	Aldrin	5.3	U
319-85-7	beta-BHC	4.9	U
319-86-8	delta-BHC	4.0	U
1024-57-3	Heptachlor Epoxide	4.7	U
959-98-8	Endosulfan I	5.8	U
5103-74-2	gamma-Chlordane	31	P
5103-71-9	alpha-Chlordane	6.4	U
72-55-9	4,4'-DDE	21	U
60-57-1	Dieldrin	9.8	U
72-20-8	Endrin	9.3	U
33213-65-9	Endosulfan II	9.6	U
72-54-8	4,4'-DDD	11	U
50-29-3	4,4'-DDT	15	U
7421-36-3	Endrin Aldehyde	16	U
1031-07-8	Endosulfan Sulfate	13	U
72-43-5	Methoxychlor	71	U
53494-70-5	Endrin Ketone	9.1	U
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	1100	U
11141-16-5	Aroclor-1232	330	U
53469-21-9	Aroclor-1242	120	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	290	U
11096-82-5	Aroclor-1260	120	U
8001-35-2	Toxaphene	1400	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB712082

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: PB712082

Sample wt/vol: 30 (g/ml) G Lab File ID: 787FAPSQ.D

% Moisture: 0 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	0.29	U	U
58-89-9	gamma-BHC	0.24	U	U
76-44-8	Heptachlor	0.30	U	U
309-00-2	Aldrin	0.24	U	U
319-85-7	beta-BHC	0.22	U	U
319-86-8	delta-BHC	0.18	U	U
1024-57-3	Heptachlor Epoxide	0.21	U	U
959-98-8	Endosulfan I	0.26	U	U
5103-74-2	gamma-Chlordane	0.34	U	U
5103-71-9	alpha-Chlordane	0.29	U	U
72-55-9	4,4'-DDE	0.96	U	U
60-57-1	Dieldrin	0.44	U	U
72-20-8	Endrin	0.42	U	U
33213-65-9	Endosulfan II	0.43	U	U
72-54-8	4,4'-DDD	0.50	U	U
50-29-3	4,4'-DDT	0.66	U	U
7421-36-3	Endrin Aldehyde	0.71	U	U
1031-07-8	Endosulfan Sulfate	0.58	U	U
72-43-5	Methoxychlor	3.2	U	U
53494-70-5	Endrin Ketone	0.41	U	U
12674-11-2	Aroclor-1016	5.5	U	U
11104-28-2	Aroclor-1221	50	U	U
11141-16-5	Aroclor-1232	15	U	U
53469-21-9	Aroclor-1242	5.2	U	U
12672-29-6	Aroclor-1248	9.3	U	U
11097-69-1	Aroclor-1254	13	U	U
11096-82-5	Aroclor-1260	5.3	U	U
8001-35-2	Toxaphene	63	U	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PL712082

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: PL712082

Sample wt/vol: 30 (g/ml) G Lab File ID: 788FAPSQ.D

% Moisture: 0 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	12	
58-89-9	gamma-BHC	15	
76-44-8	Heptachlor	14	
309-00-2	Aldrin	15	
319-85-7	beta-BHC	13	
319-86-8	delta-BHC	14	P
1024-57-3	Heptachlor Epoxide	13	
959-98-8	Endosulfan I	0.26	U
5103-74-2	gamma-Chlordane	14	
5103-71-9	alpha-Chlordane	15	P
72-55-9	4,4'-DDE	29	
60-57-1	Dieldrin	31	
72-20-8	Endrin	40	
33213-65-9	Endosulfan II	18	
72-54-8	4,4'-DDD	28	
50-29-3	4,4'-DDT	31	
7421-36-3	Endrin Aldehyde	29	
1031-07-8	Endosulfan Sulfate	0.58	U
72-43-5	Methoxychlor	81	
53494-70-5	Endrin Ketone	31	
12674-11-2	Aroclor-1016	5.5	U
11104-28-2	Aroclor-1221	50	U
11141-16-5	Aroclor-1232	15	U
53469-21-9	Aroclor-1242	5.2	U
12672-29-6	Aroclor-1248	9.3	U
11097-69-1	Aroclor-1254	13	U
11096-82-5	Aroclor-1260	5.3	U
8001-35-2	Toxaphene	63	U

070362

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3-1-1.5 MS

Lab Name: EA Laboratories Contract: 02855.91

Lab Code: EAENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9714692MS

Sample wt/vol: 30 (g/ml) G Lab File ID: 793FAPSQ.D

% Moisture: 17 decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/08/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	12	P
58-89-9	gamma-BHC	13	P
76-44-8	Heptachlor	14	P
309-00-2	Aldrin	14	P
319-85-7	beta-BHC	13	
319-86-8	delta-BHC	21	P
1024-57-3	Heptachlor Epoxide	22	P
959-98-8	Endosulfan I	0.31	U
5103-74-2	gamma-Chlordane	11	P
5103-71-9	alpha-Chlordane	23	P
72-55-9	4,4'-DDE	34	P
60-57-1	Dieldrin	40	P
72-20-8	Endrin	41	P
33213-65-9	Endosulfan II	6.5	P
72-54-8	4,4'-DDD	30	P
50-29-3	4,4'-DDT	25	
7421-36-3	Endrin Aldehyde	22	P
1031-07-8	Endosulfan Sulfate	0.70	U
72-43-5	Methoxychlor	55	
53494-70-5	Endrin Ketone	31	
12674-11-2	Aroclor-1016	6.6	U
11104-28-2	Aroclor-1221	60	U
11141-16-5	Aroclor-1232	18	U
53469-21-9	Aroclor-1242	6.3	U
12672-29-6	Aroclor-1248	11	U
11097-69-1	Aroclor-1254	16	U
11096-82-5	Aroclor-1260	6.4	U
8001-35-2	Toxaphene	76	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-FB

Lab Name: EALABS Contract: MALCOLM

Lab Code: EAENG Case No.: 971915 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9714696

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 686FAPSQ.D

% Moisture: _____ decanted: (Y/N) N Date Received: 12/05/97

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 12/10/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
72-55-9	4,4'-DDE	0.10	U
60-57-1	Dieldrin	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-36-3	Endrin Aldehyde	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
8001-35-2	Toxaphene	5.0	U
57-74-9	Chlordane	0.0	U

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14687

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: ~~SA~~-SUB1-0-0.5

Percent Solids: 85.7

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.0	-		P
7440-39-3	Barium	143	-	E	P
7440-43-9	Cadmium	0.11	B	N	P
7440-47-3	Chromium	29.4	-	N	P
7439-92-1	Lead	120	-	EN	P
7439-97-6	Mercury	0.15	B		CV
7782-49-2	Selenium	0.69			P
7440-22-4	Silver	0.11	U		P

M = "P"- ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

: "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14688

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB1-2-2.5

Percent Solids: 80.4

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.3	-		P
7440-39-3	Barium	161	-	E	P
7440-43-9	Cadmium	0.07	U	N	P
7440-47-3	Chromium	14.7	-	N	P
7439-92-1	Lead	130	-	EN	P
7439-97-6	Mercury	0.09	B		CV
7782-49-2	Selenium	0.84	-		P
7440-22-4	Silver	0.23	U		P

M = "P" - ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

"CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14689

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB2-0-0.5

Percent Solids: 85.3

Date Received: 12/05/97

Results for: TOTAL

metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.6	-		P
7440-39-3	Barium	130	-	E	P
7440-43-9	Cadmium	0.22	B	N	P
7440-47-3	Chromium	40.1	-	N	P
7439-92-1	Lead	210	-	EN	P
7439-97-6	Mercury	0.12	B		CV
7782-49-2	Selenium	0.23	U		P
7440-22-4	Silver	0.12	U		P

M = "P"- ICP SW6010

 M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
 Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14690

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB2-2-2.5

Percent Solids: 87.1

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.3	-		P
7440-39-3	Barium	104	-	E	P
7440-43-9	Cadmium	0.07	U	N	P
7440-47-3	Chromium	25.5	-	N	P
7439-92-1	Lead	62.1	-	EN	P
7439-97-6	Mercury	0.18	B		CV
7782-49-2	Selenium	0.38	B		P
7440-22-4	Silver	0.11	U		P

M = "P"- ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14691

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB3-0-0.5

Percent Solids: 88.4

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.2	-		P
7440-39-3	Barium	116	-	E	P
7440-43-9	Cadmium	0.10	B	N	P
7440-47-3	Chromium	13.4	-	N	P
7439-92-1	Lead	183	-	EN	P
7439-97-6	Mercury	0.11	B		CV
7782-49-2	Selenium	0.22	U		P
7440-22-4	Silver	0.11	U		P

M = "P"- ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
METALS ANALYSIS DATA SHEETLAB SAMPLE
NUMBER

T14692

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB3-1-1.5

Percent Solids: 83.3

Date Received: 12/05/97

Results for: TOTAL

metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.6	-		P
7440-39-3	Barium	92.1	-	E	P
7440-43-9	Cadmium	0.07	U	N	P
7440-47-3	Chromium	14.8	-	N	P
7439-92-1	Lead	38.1	-	EN	P
7439-97-6	Mercury	0.15	B		CV
7782-49-2	Selenium	0.23	U		P
7440-22-4	Silver	0.12	U		P

M = "P" ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14693

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB4-0-0.5

Percent Solids: 87.7

Date Received: 12/05/97

Results for: TOTAL

metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.6	-		P
7440-39-3	Barium	94.4	-	E	P
7440-43-9	Cadmium	0.15	B	N	P
7440-47-3	Chromium	65.3	-	N	P
7439-92-1	Lead	90.2	-	EN	P
7439-97-6	Mercury	0.16	B		CV
7782-49-2	Selenium	0.58	-		P
7440-22-4	Silver	0.11	U		P

M = "P" ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14694

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB4-1.5-2

Percent Solids: 88.4

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	42.5	-		P
7440-39-3	Barium	88.7	-	E	P
7440-43-9	Cadmium	0.07	U	N	P
7440-47-3	Chromium	1040	-	N	P
7439-92-1	Lead	165	-	EN	P
7439-97-6	Mercury	0.08	B		CV
7782-49-2	Selenium	4.9	-		P
7440-22-4	Silver	1.1	U		P

M = "P"- ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,

Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14695

Laboratory: EA LABORATORIES

SDG No.: T14687

Matrix: SOIL

Client ID: SA-SUB4-1.5-2-Dup

Percent Solids: 90.1

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	29.2	-		P
7440-39-3	Barium	97.5	-	E	P
7440-43-9	Cadmium	2.1	-	N	P
7440-47-3	Chromium	1890	-	N	P
7439-92-1	Lead	203	-	EN	P
7439-97-6	Mercury	0.08	B		CV
7782-49-2	Selenium	0.97	B		P
7440-22-4	Silver	1.0	U		P

M = "P". ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

FORM 1
 METALS ANALYSIS DATA SHEET

 LAB SAMPLE
 NUMBER

T14696

Laboratory: EA LABORATORIES

SDG No.: T14696

Matrix: WATER

Client ID: SA-SUB-FB

Percent Solids: 0.0

Date Received: 12/05/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	4.0	U		P
7440-43-9	Cadmium	2.5	B		P
7440-47-3	Chromium	2.4	B		P
7439-92-1	Lead	1.0	U		P
7439-97-6	Mercury	0.10	U		CV
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U		P

M = "P" ICP SW6010

M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740,
Tl by SW7841, Sb by 7041

= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-5

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-01

Sample wt/vol: 1 (g/mL)G

Lab File ID: >B7305

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 14

Date Analyzed: 01/14/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	29	U
75-27-4	Bromodichloromethane	29	U
75-25-2	Bromoform	29	U
74-83-9	Bromomethane	58	U
78-93-3	2-Butanone	58	U
5-15-0	Carbon Disulfide	29	U
6-23-5	Carbon Tetrachloride	29	U
108-90-7	Chlorobenzene	29	U
75-00-3	Chloroethane	58	U
110-75-8	2-Chloroethylvinylether	58	U
67-66-3	Chloroform	29	U
74-87-3	Chloromethane	4	J
124-48-1	Dibromochloromethane	29	U
75-34-3	1,1-Dichloroethane	29	U
107-06-2	1,2-Dichloroethane	29	U
75-35-4	1,1-Dichloroethene	29	U
156-60-5	trans-1,2-Dichloroethene	29	U
78-87-5	1,2-Dichloropropane	29	U
10061-01-5	cis-1,3-Dichloropropene	29	U
10061-02-6	trans-1,3-Dichloropropene	58	U
100-41-4	Ethylbenzene	27	J
75-09-2	Methylene Chloride	19	JB
108-10-1	4-Methyl-2-Pentanone	58	U
79-34-5	1,1,2,2-Tetrachloroethane	29	U
127-18-4	Tetrachloroethene	29	U
108-88-3	Toluene	29	U
71-55-6	1,1,1-Trichloroethane	29	U
79-00-5	1,1,2-Trichloroethane	29	U
79-01-6	Trichloroethene	29	U
75-69-4	Trichlorofluoromethane	58	U
75-01-4	Vinyl Chloride	58	U
1330-20-7	Xylene (total)	96	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-6

ame: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-02

Sample wt/vol: 5 (g/mL)G

Lab File ID: >B7423

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 10

Date Analyzed: 01/26/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO. COMPOUND

Q

71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	11	U
93-3	2-Butanone	11	U
-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	11	U
110-75-8	2-Chloroethylvinylether	11	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	11	U
124-48-1	Dibromochloromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	11	U
100-41-4	Ethylbenzene	6	U
75-09-2	Methylene Chloride	4	J
108-10-1	4-Methyl-2-Pentanone	11	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
79-01-6	Trichloroethene	6	U
75-69-4	Trichlorofluoromethane	11	U
75-01-4	Vinyl Chloride	11	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-7

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: AC049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-03

Sample wt/vol: 5 (g/mL) G

Lab File ID: >B7292

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 15

Date Analyzed: 01/13/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	12	U
-93-3	2-Butanone	12	U
-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	12	U
110-75-8	2-Chloroethylvinylether	12	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	12	U
124-48-1	Dibromochloromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	12	U
100-41-4	Ethylbenzene	6	U
75-09-2	Methylene Chloride	2	J
108-10-1	4-Methyl-2-Pentanone	12	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
79-01-6	Trichloroethene	6	U
75-69-4	Trichlorofluoromethane	12	U
75-01-4	Vinyl Chloride	12	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-8

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-04

Sample wt/vol: 1 (g/mL)G

Lab File ID: >B7288

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 11

Date Analyzed: 01/13/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	28	U
75-27-4	Bromodichloromethane	28	U
75-25-2	Bromoform	28	U
74-83-9	Bromomethane	56	U
78-93-3	2-Butanone	56	U
15-0	Carbon Disulfide	28	U
23-5	Carbon Tetrachloride	28	U
108-90-7	Chlorobenzene	28	U
75-00-3	Chloroethane	56	U
110-75-8	2-Chloroethylvinylether	56	U
67-66-3	Chloroform	28	U
74-87-3	Chloromethane	56	U
124-48-1	Dibromochloromethane	28	U
75-34-3	1,1-Dichloroethane	28	U
107-06-2	1,2-Dichloroethane	28	U
75-35-4	1,1-Dichloroethene	28	U
156-60-5	trans-1,2-Dichloroethene	28	U
78-87-5	1,2-Dichloropropane	28	U
10061-01-5	cis-1,3-Dichloropropene	28	U
10061-02-6	trans-1,3-Dichloropropene	56	U
100-41-4	Ethylbenzene	28	U
75-09-2	Methylene Chloride	6	J
108-10-1	4-Methyl-2-Pentanone	56	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
127-18-4	Tetrachloroethene	28	U
108-88-3	Toluene	28	U
71-55-6	1,1,1-Trichloroethane	28	U
79-00-5	1,1,2-Trichloroethane	28	U
79-01-6	Trichloroethene	28	U
75-69-4	Trichlorofluoromethane	56	U
75-01-4	Vinyl Chloride	56	U
1330-20-7	Xylene (total)	11	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-8D

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-05

Sample wt/vol: 5 (g/mL)G

Lab File ID: >B7307

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 12

Date Analyzed: 01/14/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	11	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	6	U
75-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	11	U
110-75-8	2-Chloroethylvinylether	11	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	11	U
124-48-1	Dibromochloromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	11	U
100-41-4	Ethylbenzene	6	U
75-09-2	Methylene Chloride	3	JB
108-10-1	4-Methyl-2-Pentanone	11	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
79-01-6	Trichloroethene	6	U
75-69-4	Trichlorofluoromethane	11	U
75-01-4	Vinyl Chloride	11	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SP2-S+1

me: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER Lab Sample ID: 980049A-06

Sample wt/vol: 5 (g/mL)ML Lab File ID: >G7023

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: not dec. _____ Date Analyzed: 01/13/98

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg)UG/L Q

71-43-2	Benzene	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	5	U
7-33-3	2-Butanone	10	U
1-18-4	Tetrachloroethene	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SP2-S+2

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER

Lab Sample ID: 980049A-07

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G7024

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. _____

Date Analyzed: 01/13/98

GC Column: 007-624 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

71-43-2	Benzene	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	5	U
78-93-3	2-Butanone	10	U
77-18-4	Tetrachloroethene	5	U
75-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SP2-S+3

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER

Lab Sample ID: 980049A-08

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G7025

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. _____

Date Analyzed: 01/13/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.

COMPOUND

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

Q

71-43-2	Benzene	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	5	U
-93-3	2-Butanone	10	U
7-18-4	Tetrachloroethene	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SP2-S+4

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER

Lab Sample ID: 980049A-09

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G7026

Level: (low/med) LOW

Date Received: 01/08/98

Moisture: not dec. _____

Date Analyzed: 01/13/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

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

Q

71-43-2	Benzene	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	5	U
78-3-3	2-Butanone	10	U
12-18-4	Tetrachloroethene	5	
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKB4

b N : IEA/CT

Contract: _____

b Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: VBLKB4

Sample wt/vol: 5 (g/mL)G

Lab File ID: >B7280

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. 0

Date Analyzed: 01/13/98

Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	10	U
78-03-3	2-Butanone	10	U
75-05-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	10	U
110-75-8	2-Chloroethylvinylether	10	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl Chloride	10	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBCLKB5

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: VBCLKB5

Sample wt/vol: 5 (g/mL)G

Lab File ID: >B7302

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. 0

Date Analyzed: 01/14/98

C Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO. COMPOUND

Q

71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-08-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	10	U
110-75-8	2-Chloroethylvinylether	10	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	2	J
108-10-1	4-Methyl-2-Pentanone	10	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl Chloride	10	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBCLKB6

b e: IEA/CT Contract: _____
 ab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049
 atrix: (soil/water)SOIL Lab Sample ID: VBCLKB6
 ample wt/vol: 5 (g/mL)G Lab File ID: >B7318
 evel: (low/med) LOW Date Received: _____
 Moisture: not dec. 0 Date Analyzed: 01/15/98
 C Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0
 oil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	10	U
78-03-3	2-Butanone	10	U
75-05-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	10	U
110-75-8	2-Chloroethylvinylether	10	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl Chloride	10	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKG3

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) WATER

Lab Sample ID: VBLKG3

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >G7018

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 01/13/98

C Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2	Benzene	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	5	U
78-06-3	2-Butanone	10	U
12-18-4	Tetrachloroethene	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKBE

Contract: _____

Lab Name: IEA/CT

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: VBLKBE

Sample wt/vol: 5 (g/mL) G

Lab File ID: >B7421

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. 0

Date Analyzed: 01/26/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	10	U
71-83-3	2-Butanone	10	U
75-5-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	10	U
110-75-8	2-Chloroethylvinylether	10	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl Chloride	10	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-5MSB

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049 **229**

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-01MSB

Sample wt/vol: 5 (g/mL)G

Lab File ID: >B7303

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 0

Date Analyzed: 01/14/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	53	
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	5	U
75-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	46	
75-00-3	Chloroethane	10	U
110-75-8	2-Chloroethylvinylether	10	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	51	
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	2	JB
108-10-1	4-Methyl-2-Pentanone	10	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	45	
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	46	
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl Chloride	10	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SA-SUB-5MS

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____

SDG No.: A0049

239

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-01MS

Sample wt/vol: 1 (g/mL)G

Lab File ID: >B7322

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: not dec. 12

Date Analyzed: 01/15/98

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

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

CAS NO.

COMPOUND

Q

71-43-2	Benzene	340	
75-27-4	Bromodichloromethane	28	U
75-25-2	Bromoform	28	U
74-83-9	Bromomethane	57	U
8-93-3	2-Butanone	57	U
-15-0	Carbon Disulfide	28	U
56-23-5	Carbon Tetrachloride	28	U
108-90-7	Chlorobenzene	300	
75-00-3	Chloroethane	57	U
110-75-8	2-Chloroethylvinylether	57	U
67-66-3	Chloroform	28	U
74-87-3	Chloromethane	57	U
124-48-1	Dibromochloromethane	28	U
75-34-3	1,1-Dichloroethane	28	U
107-06-2	1,2-Dichloroethane	28	U
75-35-4	1,1-Dichloroethene	300	
156-60-5	trans-1,2-Dichloroethene	28	U
78-87-5	1,2-Dichloropropane	28	U
10061-01-5	cis-1,3-Dichloropropene	28	U
10061-02-6	trans-1,3-Dichloropropene	57	U
100-41-4	Ethylbenzene	54	
75-09-2	Methylene Chloride	57	U
108-10-1	4-Methyl-2-Pentanone	57	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
127-18-4	Tetrachloroethene	28	U
108-88-3	Toluene	310	
71-55-6	1,1,1-Trichloroethane	28	U
79-00-5	1,1,2-Trichloroethane	28	U
79-01-6	Trichloroethene	290	
75-69-4	Trichlorofluoromethane	57	U
75-01-4	Vinyl Chloride	57	U
1330-20-7	Xylene (total)	190	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5

Lab 1 : IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____

SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-01

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4899

Level: (low/med) LOW

Date Received: 01/08/98

Moisture: 15 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 50.0

GC Cleanup: (Y/N)N pH: 7.7

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

CAS NO. COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	5900	U
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl) ether	19000	U
95-57-8	2-Chlorophenol	19000	U
541-73-1	1,3-Dichlorobenzene	19000	U
106-56-7	1,4-Dichlorobenzene	19000	U
95-50-1	1,2-Dichlorobenzene	19000	U
108-60-1	bis(2-Chloroisopropyl) ether	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy) methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
120-82-1	1,2,4-Trichlorobenzene	50000	
91-20-3	Naphthalene	19000	U
87-68-3	Hexachlorobutadiene	19000	U
59-50-7	4-Chloro-3-methylphenol	27000	
91-57-6	2-Methylnaphthalene	59000	U
77-47-4	Hexachlorocyclopentadiene	47000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
91-58-7	2-Chloronaphthalene	19000	U
131-11-3	Dimethylphthalate	3000	J
208-96-8	Acenaphthylene	8200	U
606-20-2	2,6-Dinitrotoluene	21000	
83-32-9	Acenaphthene	47000	U
51-28-5	2,4-Dinitrophenol	47000	U
100-02-7	4-Nitrophenol	19000	U
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5

Lab: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-01

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4899

Level: (low/med) LOW

Date Received: 01/08/98

Moisture: 15 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 50.0

GC Cleanup: (Y/N) N pH: 7.7

CAS NO.

COMPOUND

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

Q

86-73-7	Fluorene	40000	
534-52-1	4,6-Dinitro-2-methylphenol	47000	U
86-30-6	N-Nitrosodiphenylamine (1)	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
117-74-1	Hexachlorobenzene	19000	U
85-5-5	Pentachlorophenol	47000	U
85-01-8	Phenanthrene	140000	
120-12-7	Anthracene	40000	
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	91000	
92-87-5	Benzidine	120000	U
129-00-0	Pyrene	81000	
85-68-7	Butylbenzylphthalate	19000	U
91-94-1	3,3'-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	32000	
218-01-9	Chrysene	33000	
117-81-7	bis(2-Ethylhexyl)phthalate	19000	U
117-84-0	Di-n-octylphthalate	19000	U
205-99-2	Benzo(b)fluoranthene	16000	J
207-08-9	Benzo(k)fluoranthene	23000	
50-32-8	Benzo(a)pyrene	22000	
193-39-5	Indeno(1,2,3-cd)pyrene	14000	J
53-70-3	Dibenzo(a,h)anthracene	4800	J
191-24-2	Benzo(g,h,i)perylene	16000	J

(- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-6

Lab Code: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-02

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4892

Level: (low/med) LOW

Date Received: 01/08/98

Moisture: 18 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GC Cleanup: (Y/N) N pH: 7.9

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
108-60-1	bis(2-Chloroisopropyl) ether	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy) methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	400	U
131-11-3	Dimethylphthalate	92	J
208-96-8	Acenaphthylene	170	U
606-20-2	2,6-Dinitrotoluene	400	U
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-6

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-02

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4892

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 18 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.9

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	400	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
18-74-1	Hexachlorobenzene	400	U
7-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	2400	U
129-00-0	Pyrene	580	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	120	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	740	
207-08-9	Benzo(k)fluoranthene	210	J
50-32-8	Benzo(a)pyrene	550	
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-6RE

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-02RE

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4902

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 18 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.9

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	400	U
95-57-8	2-Chlorophenol	400	U
41-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
108-60-1	bis(2-Chloroisopropyl) ether	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy) methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	400	U
91-58-7	2-Chloronaphthalene	400	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	170	U
606-20-2	2,6-Dinitrotoluene	400	U
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-6RE

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL Lab Sample ID: 980049A-02RE

Sample wt/vol: 30 (g/mL)G Lab File ID: >I4902

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: 18 decanted: (Y/N)N Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.9

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	400	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
17-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	110	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	2400	U
129-00-0	Pyrene	680	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	350	
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	620	
207-08-9	Benzo(k)fluoranthene	390	J
50-32-8	Benzo(a)pyrene	450	
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-7

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL Lab Sample ID: 980049A-03

Sample wt/vol: 30 (g/mL)G Lab File ID: >I4890

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: 14 decanted: (Y/N)N Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.3

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
108-60-1	bis(2-Chloroisopropyl) ether	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	930	U
88-06-2	2,4,6-Trichlorophenol	380	U
91-58-7	2-Chloronaphthalene	380	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	160	U
606-20-2	2,6-Dinitrotoluene	380	U
83-32-9	Acenaphthene	930	U
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-7

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-03

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4890

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	380	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
7-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	40	J
120-12-7	Anthracene	6	J
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	45	J
92-87-5	Benzidine	2300	U
129-00-0	Pyrene	42	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	20	J
218-01-9	Chrysene	30	J
117-81-7	bis(2-Ethylhexyl)phthalate	44	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-8

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-04

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4891

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

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

Q

CAS NO.	COMPOUND		
62-75-9	N-Nitrosodimethylamine	110	U
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) ether	380	U
95-57-8	2-Chlorophenol	380	U
41-73-1	1,3-Dichlorobenzene	380	U
66-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
108-60-1	bis(2-Chloroisopropyl) ether	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	920	U
88-06-2	2,4,6-Trichlorophenol	380	U
91-58-7	2-Chloronaphthalene	380	U
131-11-3	Dimethylphthalate	28	J
208-96-8	Acenaphthylene	160	U
606-20-2	2,6-Dinitrotoluene	380	U
83-32-9	Acenaphthene	920	U
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-8

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-04

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4891

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 13 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.5

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

CAS NO. COMPOUND

Q

86-73-7	Fluorene	380	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	920	U
7-86-5	Pentachlorophenol	160	J
85-01-8	Phenanthrene	65	J
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	430	
206-44-0	Fluoranthene	2300	U
92-87-5	Benzidine	650	
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	320	
56-55-3	Benzo(a)anthracene	400	
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	510	
205-99-2	Benzo(b)fluoranthene	420	
207-08-9	Benzo(k)fluoranthene	500	
50-32-8	Benzo(a)pyrene	530	
193-39-5	Indeno(1,2,3-cd)pyrene	180	J
53-70-3	Dibenzo(a,h)anthracene	640	
191-24-2	Benzo(g,h,i)perylene		

'1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-8D

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-05

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4903

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 11 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 8.0

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	110	U
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
108-60-1	bis(2-Chloroisopropyl) ether	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy) methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	22	J
91-20-3	Naphthalene	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	110	J
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	900	U
88-06-2	2,4,6-Trichlorophenol	370	U
91-58-7	2-Chloronaphthalene	370	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	160	U
606-20-2	2,6-Dinitrotoluene	31	J
83-32-9	Acenaphthene	900	U
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-8D

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-05

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4903

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 11 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 8.0

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	54	J
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
18-74-1	Hexachlorobenzene	370	U
-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	26	J
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	2200	U
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	59	J
218-01-9	Chrysene	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	70	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	57	J
207-08-9	Benzo(k)fluoranthene	58	J
50-32-8	Benzo(a)pyrene	63	J
193-39-5	Indeno(1,2,3-cd)pyrene	54	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	63	J

1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SP2-S+1

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) WATER Lab Sample ID: 980049A-06

Sample wt/vol: 500 (g/mL) ML Lab File ID: >I4919

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Leach Date: 01/13/98

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

CAS NO.

COMPOUND

Q

106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
98-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	20	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	100	U
87-86-5	Pentachlorophenol	20	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine		

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SP2-S+2

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER Lab Sample ID: 980049A-07

Sample wt/vol: 500 (g/mL)ML Lab File ID: >I4920

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____ Leach Date: 01/13/98

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

CAS NO.

COMPOUND

Q

106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
9-06-2	2,4,6-Trichlorophenol	100	U
5-95-4	2,4,5-Trichlorophenol	20	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	100	U
87-86-5	Pentachlorophenol	20	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine		

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SP2-S+3

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER Lab Sample ID: 980049A-08

Sample wt/vol: 500 (g/mL)ML Lab File ID: >I4921

Level: (low/med) LOW Date Received: 01/08/98

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____ Leach Date: 01/13/98

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

CAS NO.

COMPOUND

Q

106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
8-06-2	2,4,6-Trichlorophenol	20	U
5-95-4	2,4,5-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine	20	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SP2-S+4

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER

Lab Sample ID: 980049A-09

Sample wt/vol: 500 (g/mL)ML

Lab File ID: >I4922

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

Leach Date: 01/13/98

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

CAS NO.

COMPOUND

Q

106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
9-06-2	2,4,6-Trichlorophenol	100	U
-95-4	2,4,5-Trichlorophenol	20	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	100	U
87-86-5	Pentachlorophenol	20	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine		

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKMJ

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: SBLKMJ

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4884

Level: (low/med) LOW

Date Received: _____

% Moisture: 0 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/22/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	100	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	bis(2-Chloroisopropyl) ether	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy) methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	140	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKMJ

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: SBLKMJ

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4884

Level: (low/med) LOW

Date Received: _____

% Moisture: 0 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/22/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

Q

CAS NO.	COMPOUND		
86-73-7	Fluorene	330	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
8-74-1	Hexachlorobenzene	330	U
86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	100	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKUI

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER Lab Sample ID: SBLKUI

Sample wt/vol: 1000 (g/mL)ML Lab File ID: >I4916

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

106-46-7	1,4-Dichlorobenzene	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
28-06-2	2,4,6-Trichlorophenol	50	U
5-95-4	2,4,5-Trichlorophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
110-86-1	Pyridine		

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TCLPBLK1/13

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____ SDG No.: A0049

Matrix: (soil/water)WATER

Lab Sample ID: TCLPBLK1/13

Sample wt/vol: 500 (g/mL)ML

Lab File ID: >I4918

Level: (low/med) LOW

Date Received: _____

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 01/14/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/26/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

Leach Date: 01/13/98

CAS NO.

COMPOUND

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

Q

106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
8-06-2	2,4,6-Trichlorophenol	20	U
5-95-4	2,4,5-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine	20	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5MSB

ame: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____

SDG No.: A0049

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-01MSB

Sample wt/vol: 30 (g/mL) G

Lab File ID: >I4897

Level: (low/med) LOW

Date Received: 01/08/98 180

% Moisture: 0 decanted: (Y/N) N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	100	U
108-95-2	Phenol	2800	E
111-44-4	bis(2-Chloroethyl) ether	330	U
95-57-8	2-Chlorophenol	3100	E
106-47-3-1	1,2-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	1300	
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	bis(2-Chloroisopropyl) ether	330	U
621-64-7	N-Nitroso-di-n-propylamine	1700	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy) methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	1500	
91-20-3	Naphthalene	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	3300	E
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	140	U
83-32-9	Acenaphthene	1200	
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	3000	E
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5MSB

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0049A

SAS No.: _____

SDG No.: A0049

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-01MSB

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4897 **481**

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 0 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N

pH: _____

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

CAS NO.

COMPOUND

Q

86-73-7	Fluorene	330	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
86-5	Pentachlorophenol	2800	E
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	100	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5MS

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

493

Matrix: (soil/water) SOIL

Lab Sample ID: 980049A-01MS

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4900

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 15 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N)N pH: 7.7

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

CAS NO. COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	5900	U
108-95-2	Phenol	4700	
111-44-4	bis(2-Chloroethyl) ether	19000	U
95-57-8	2-Chlorophenol	4900	J
541-73-1	1,3-Dichlorobenzene	19000	U
106-46-7	1,4-Dichlorobenzene	2100	J
105-50-1	1,2-Dichlorobenzene	19000	U
108-60-1	bis(2-Chloroisopropyl) ether	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy) methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
120-82-1	1,2,4-Trichlorobenzene	19000	U
91-20-3	Naphthalene	59000	
87-68-3	Hexachlorobutadiene	19000	U
59-50-7	4-Chloro-3-methylphenol	4200	J
91-57-6	2-Methylnaphthalene	33000	
77-47-4	Hexachlorocyclopentadiene	59000	U
88-06-2	2,4,6-Trichlorophenol	47000	U
91-58-7	2-Chloronaphthalene	19000	U
131-11-3	Dimethylphthalate	19000	U
208-96-8	Acenaphthylene	3500	J
606-20-2	2,6-Dinitrotoluene	8200	U
83-32-9	Acenaphthene	28000	
51-28-5	2,4-Dinitrophenol	47000	U
100-02-7	4-Nitrophenol	47000	U
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SA-SUB-5MS

Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0049A SAS No.: _____ SDG No.: A0049

494

Matrix: (soil/water)SOIL

Lab Sample ID: 980049A-01MS

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I4900

Level: (low/med) LOW

Date Received: 01/08/98

% Moisture: 15 decanted: (Y/N)N

Date Extracted: 01/13/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N)N pH: 7.7

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

CAS NO. COMPOUND

Q

86-73-7	Fluorene	50000	
534-52-1	4,6-Dinitro-2-methylphenol	47000	U
86-30-6	N-Nitrosodiphenylamine (1)	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
86-5	Pentachlorophenol	47000	U
85-01-8	Phenanthrene	160000	
120-12-7	Anthracene	41000	
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	98000	
92-87-5	Benzidine	120000	U
129-00-0	Pyrene	86000	
85-68-7	Butylbenzylphthalate	19000	U
91-94-1	3,3'-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	33000	
218-01-9	Chrysene	31000	
117-81-7	bis(2-Ethylhexyl)phthalate	19000	U
117-84-0	Di-n-octylphthalate	19000	U
205-99-2	Benzo(b)fluoranthene	18000	J
207-08-9	Benzo(k)fluoranthene	17000	J
50-32-8	Benzo(a)pyrene	20000	
193-39-5	Indeno(1,2,3-cd)pyrene	13000	J
53-70-3	Dibenzo(a,h)anthracene	4400	J
191-24-2	Benzo(g,h,i)perylene	14000	J

) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

b : a: IEA-CT Contract: _____ Client ID: SA-SUB-5

ab Code: IEACT Case No.: 0049A SDG No.: A0049

atrix: (soil/water): SOIL Lab Sample ID: 980049A-01

ample wt/vol: 30 (g/ml) G Lab File ID: B1109046

Moisture: 15 decanted: (Y/N) _____ Date Received : 01/08/98

xtraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

oncentrated Extract Volume: 10000 (ul) Date Analyzed : 01/14/98

njection Volume: 1.0 (uL) Dilution Factor: 100.0

PC Cleanup: (Y/N) N pH: 7.7 Sulfur Cleanup: (Y/N) N

AS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	200	U
319-85-7	beta-BHC	200	U
319-86-8	delta-BHC	200	U
58-89-9	gamma-BHC (Lindane)	200	U
76-44-8	Heptachlor	200	U
309-00-2	Aldrin	200	U
102-7-3	Heptachlor Epoxide	200	U
59-8	Endosulfan I	200	U
60-57-1	Dieldrin	390	U
72-55-9	4,4'-DDE	38.	J
72-20-8	Endrin	390	U
33213-65-9	Endosulfan II	390	U
72-54-8	4,4'-DDD	390	U
1031-07-8	Endosulfan Sulfate	390	U
50-29-3	4,4'-DDT	390	U
72-43-5	Methoxychlor	2000	U
53494-70-5	Endrin ketone	390	U
7421-93-4	Endrin aldehyde	390	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	200	U
8001-35-2	Toxaphene	3900	U
12674-11-2	Aroclor-1016	3900	U
11104-28-2	Aroclor-1221	7900	U
11141-16-5	Aroclor-1232	3900	U
53469-21-9	Aroclor-1242	3900	U
12672-29-6	Aroclor-1248	3900	U
11097-69-1	Aroclor-1254	3900	U
11096-82-5	Aroclor-1260	3900	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: SA-SUB-6

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-02

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109049

Moisture: 18 decanted: (Y/N) ___ Date Received: 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 01/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

HPLC Cleanup: (Y/N) N pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	100	U
319-85-7	beta-BHC	100	U
319-86-8	delta-BHC	100	U
58-89-9	gamma-BHC (Lindane)	100	U
76-44-8	Heptachlor	100	U
309-00-2	Aldrin	100	U
101-57-3	Heptachlor Epoxide	100	U
95-8-8	Endosulfan I	100	U
60-57-1	Dieldrin	200	U
72-55-9	4,4'-DDE	200	U
72-20-8	Endrin	200	U
33213-65-9	Endosulfan II	200	U
72-54-8	4,4'-DDD	200	U
1031-07-8	Endosulfan Sulfate	200	U
50-29-3	4,4'-DDT	200	U
72-43-5	Methoxychlor	1000	U
53494-70-5	Endrin ketone	200	U
7421-93-4	Endrin aldehyde	200	U
5103-71-9	alpha-Chlordane	100	U
5103-74-2	gamma-Chlordane	100	U
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	2000	U
11104-28-2	Aroclor-1221	4100	U
11141-16-5	Aroclor-1232	2000	U
53469-21-9	Aroclor-1242	2000	U
12672-29-6	Aroclor-1248	2000	U
11097-69-1	Aroclor-1254	2000	U
11096-82-5	Aroclor-1260	2000	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

b 1 : IEA-CT Contract: _____ Client ID: SA-SUB-7

ab Code: IEACT Case No.: 0049A SDG No.: A0049

atrix: (soil/water): SOIL Lab Sample ID: 980049A-03

ample wt/vol: 30 (g/ml) G Lab File ID: B1111025

Moisture: 14 decanted: (Y/N) _____ Date Received : 01/08/98

traction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

ncentrated Extract Volume: 10000 (ul) Date Analyzed : 01/22/98

njection Volume: 1.0 (uL) Dilution Factor: 1.0

PC Cleanup: (Y/N) N pH: 7.3 Sulfur Cleanup: (Y/N) N

AS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	0.22	J
1027-7-3	Heptachlor Epoxide	2.0	U
159-8	Endosulfan I	2.0	U
50-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan Sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	38.	U
12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	78.	U
11141-16-5	Aroclor-1232	38.	U
53469-21-9	Aroclor-1242	38.	U
12672-29-6	Aroclor-1248	38.	U
11097-69-1	Aroclor-1254	38.	U
11096-82-5	Aroclor-1260	38.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Code: IEA-CT Contract: _____ Client ID: SA-SUB-8
 Lab Code: IEACT Case No.: 0049A SDG No.: A0049
 Matrix: (soil/water): SOIL Lab Sample ID: 980049A-04
 Sample wt/vol: 30 (g/ml) G Lab File ID: B1111027
 Moisture: 13 decanted: (Y/N) ___ Date Received: 01/08/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98
 Concentrated Extract Volume: 10000 (ul) Date Analyzed: 01/22/98
 Injection Volume: 1.0 (uL) Dilution Factor: 2.0
 PC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

AS NO. COMPOUND CONCENTRATION UNITS: Q
 (ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	3.9	U
319-85-7	beta-BHC	3.9	U
319-86-8	delta-BHC	3.9	U
58-89-9	gamma-BHC (Lindane)	3.9	U
76-44-8	Heptachlor	3.9	U
309-00-2	Aldrin	3.9	U
102-57-3	Heptachlor Epoxide	3.9	U
953-8-8	Endosulfan I	6.3	U
60-57-1	Dieldrin	7.6	U
72-55-9	4,4'-DDE	7.6	U
72-20-8	Endrin	7.6	U
33213-65-9	Endosulfan II	7.6	U
72-54-8	4,4'-DDD	4.7	J
1031-07-8	Endosulfan Sulfate	7.6	U
50-29-3	4,4'-DDT	7.6	U
72-43-5	Methoxychlor	39.	U
53494-70-5	Endrin ketone	7.6	U
7421-93-4	Endrin aldehyde	7.6	U
5103-71-9	alpha-Chlordane	3.9	U
5103-74-2	gamma-Chlordane	3.9	U
8001-35-2	Toxaphene	76.	U
12674-11-2	Aroclor-1016	76.	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	76.	U
53469-21-9	Aroclor-1242	76.	U
12672-29-6	Aroclor-1248	76.	U
11097-69-1	Aroclor-1254	76.	U
11096-82-5	Aroclor-1260	76.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: SA-SUB-8D

Lab Code: IEACT Case No.: 0049A SDG No.: A0049 564

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-05

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109052

% Moisture: 11 decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 8 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	19.	U
319-85-7	beta-BHC	19.	U
319-86-8	delta-BHC	19.	U
58-89-9	gamma-BHC (Lindane)	19.	U
76-44-8	Heptachlor	19.	U
300-00-2	Aldrin	19.	U
55-57-3	Heptachlor Epoxide	19.	U
55-98-8	Endosulfan I	5.0	J
60-57-1	Dieldrin	37.	U
72-55-9	4,4'-DDE	37.	U
72-20-8	Endrin	37.	U
33213-65-9	Endosulfan II	37.	U
72-54-8	4,4'-DDD	37.	U
1031-07-8	Endosulfan Sulfate	37.	U
50-29-3	4,4'-DDT	37.	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37.	U
7421-93-4	Endrin aldehyde	37.	U
5103-71-9	alpha-Chlordane	19.	U
5103-74-2	gamma-Chlordane	19.	U
8001-35-2	Toxaphene	370	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	750	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	370	U
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	370	U
11096-82-5	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+1

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-06 571

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109097

% Moisture: 17 decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.9 Sulfur Cleanup: (Y/N) Y

CAS. NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	40.	U
11104-28-2	Aroclor-1221	81.	U
11141-16-5	Aroclor-1232	40.	U
53469-21-9	Aroclor-1242	40.	U
12672-29-6	Aroclor-1248	40.	U
097-69-1	Aroclor-1254	40.	U
096-82-5	Aroclor-1260	40.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

576

Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+2

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-07

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109098

% Moisture: 14 decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.3 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	78.	U
11141-16-5	Aroclor-1232	38.	U
53469-21-9	Aroclor-1242	38.	U
12672-29-6	Aroclor-1248	38.	U
97-69-1	Aroclor-1254	38.	U
96-82-5	Aroclor-1260	38.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

581

Lab Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+3

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-08

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109099

% Moisture: 17 decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	40.	U
11104-28-2	Aroclor-1221	81.	U
11141-16-5	Aroclor-1232	40.	U
53469-21-9	Aroclor-1242	40.	U
12672-29-6	Aroclor-1248	40.	U
97-69-1	Aroclor-1254	40.	U
96-82-5	Aroclor-1260	40.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+4 586

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 980049A-09

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109100

% Moisture: 15 decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.1 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	39.	U
11104-28-2	Aroclor-1221	79.	U
11141-16-5	Aroclor-1232	39.	U
53469-21-9	Aroclor-1242	39.	U
12672-29-6	Aroclor-1248	39.	U
97-69-1	Aroclor-1254	39.	U
96-82-5	Aroclor-1260	39.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Code: IEA-CT Contract: _____ Client ID: PBLK96

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): SOIL Lab Sample ID: 010898-B02

Sample wt/vol: 30 (g/ml) G Lab File ID: B1109039

Moisture: 0 decanted: (Y/N) ___ Date Received : _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/08/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

PC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

AS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
102-57-3	Heptachlor Epoxide	1.7	U
551-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan Sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17.	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	33.	U
12674-11-2	Aroclor-1016	33.	U
11104-28-2	Aroclor-1221	67.	U
11141-16-5	Aroclor-1232	33.	U
53469-21-9	Aroclor-1242	33.	U
12672-29-6	Aroclor-1248	33.	U
11097-69-1	Aroclor-1254	33.	U
11096-82-5	Aroclor-1260	33.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+1

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): LEACHATE

Lab Sample ID: 980049A-06

Sample wt/vol: 200 (g/ml) ML

Lab File ID: A5403152

% Moisture: _____ decanted: (Y/N) _____

Date Received : 01/08/98

Date Leached : 01/13/98

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/13/98

Concentrated Extract Volume: 10000 (ul)

Date Analyzed : 01/22/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

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

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
43-5	Methoxychlor	2.5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+2

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): LEACHATE Lab Sample ID: 980049A-07

Sample wt/vol: 200 (g/ml) ML Lab File ID: A5403153

% Moisture: _____ decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SEPF Date Leached : 01/13/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
-43-5	Methoxychlor	2.5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+3

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): LEACHATE Lab Sample ID: 980049A-08

Sample wt/vol: 200 (g/ml) ML Lab File ID: A5403154

% Moisture: _____ decanted: (Y/N) _____ Date Received : 01/08/98

Extraction: (SepF/Cont/Sonc) SEPF Date Leached : 01/13/98

Concentrated Extract Volume: 10000 (ul) Date Extracted: 01/13/98

Injection Volume: 1.0 (uL) Date Analyzed : 01/23/98

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
-43-5	Methoxychlor	2.5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: SA-SP2-S+4

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): LEACHATE

Lab Sample ID: 980049A-09

Sample wt/vol: 200 (g/ml) ML

Lab File ID: A5403155

% Moisture: _____ decanted: (Y/N) _____

Date Received : 01/08/98

Date Leached : 01/13/98

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/13/98

Concentrated Extract Volume: 10000 (ul)

Date Analyzed : 01/23/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

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

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
43-5	Methoxychlor	2.5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: PBLK02QC1

Lab Code: IEACT Case No.: 0049A SDG No.: A0049 979

Matrix: (soil/water): LEACHATE Lab Sample ID: 011398-B04QC1

Sample wt/vol: 200 (g/ml) ML Lab File ID: A5403150

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/13/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.98	
76-44-8	Heptachlor	0.88	
1024-57-3	Heptachlor Epoxide	0.92	
58-89-9	gamma-BHC (Lindane)	0.96	
-43-5	Methoxychlor	1.2	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

I me: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): _____ Lab Sample ID: PIBLK **973**

Sample wt/vol: _____ (g/ml) _____ Lab File ID: A5403148

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 01/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	0.20	U
8001-35-2	Toxaphene	1.0	U
72-20-8	Endrin	0.10	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
3-5	Methoxychlor	0.50	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

976

Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): _____ Lab Sample ID: PIBLK

Sample wt/vol: _____ (g/ml) _____ Lab File ID: A5403164

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 01/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	0.20	U
8001-35-2	Toxaphene	1.0	U
72-20-8	Endrin	0.10	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
7-43-5	Methoxychlor	0.50	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: PBLK02

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

965

Matrix: (soil/water): LEACHATE

Lab Sample ID: 011398-B04

Sample wt/vol: 200 (g/ml) ML

Lab File ID: A5403149

% Moisture: _____ decanted: (Y/N) _____

Date Received : _____

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/13/98

Concentrated Extract Volume: 10000 (ul)

Date Analyzed : 01/22/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND

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

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
-43-5	Methoxychlor	2.5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Name: IEA-CT Contract: _____ Client ID: TCLPBLK-01/13

Lab Code: IEACT Case No.: 0049A SDG No.: A0049

Matrix: (soil/water): LEACHATE Lab Sample ID: TCLPBLK-01/13 969

Sample wt/vol: 200 (g/ml) ML Lab File ID: A5403151

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) SEPF Date Leached : 01/13/98

Concentrated Extract Volume: 10000 (ul) Date Extracted: 01/13/98

Injection Volume: 1.0 (uL) Date Analyzed : 01/22/98

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

57-74-9	Technical Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
7-43-5	Methoxychlor	2.5	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 986

SA-SUB-5

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0049

SAS No.: _____

SDG No.: A0049Matrix (soil/water): SOILLab Sample ID: 980049A-01Level (low/med): LOWDate Received: 01/08/98% Solids: 86

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	19.4		N	P
7440-39-3	Barium	133.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.23	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	743.			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	263.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	4.7			P
7440-22-4	Silver	0.24	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SA-SUB-6

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0049

SAS No.: _____

SDG No.: A0049Matrix (soil/water): SOILLab Sample ID: 980049A-02Level (low/med): LOWDate Received: 01/08/98% Solids: 90

987

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.4		N	P
7440-39-3	Barium	147.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.22	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	21.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	84.9			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	0.22	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SA-SUB-7

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0049

SAS No.: _____

SDG No.: A0049Matrix (soil/water): SOILLab Sample ID: 980049A-03Level (low/med): LOWDate Received: 01/08/98 988% Solids: 85

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.4		N	P
7440-39-3	Barium	119.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.0			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	36.8			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.5			P
7440-22-4	Silver	0.24	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SA-SUB-8

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0049

SAS No.: _____

SDG No.: A0049Matrix (soil/water): SOILLab Sample ID: 980049A-04

989

Level (low/med): LOWDate Received: 01/08/98% Solids: 89

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	7.2		N	P
7440-39-3	Barium	144.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.22	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	22.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	30.0			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.0			P
7440-22-4	Silver	0.22	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SA-SUB-8D

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0049

SAS No.: _____

SDG No.: A0049Matrix (soil/water): SOILLab Sample ID: 980049A-05Level (low/med): LOWDate Received: 01/08/98

990

% Solids: 88

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.8		N	P
7440-39-3	Barium	151.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.23	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	32.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	58.4			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.3			P
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-39

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-01

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3662

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 20.0

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	200	U
74-83-9	Bromomethane	200	U
75-01-4	Vinyl Chloride	1700	
75-00-3	Chloroethane	200	U
75-09-2	Methylene Chloride	9	J
75-15-0	Carbon Disulfide	100	U
108-05-4	Vinyl Acetate	200	U
75-35-4	1,1-Dichloroethene	9	J
75-34-3	1,1-Dichloroethane	100	U
156-59-2	cis-1,2-Dichloroethene	2100	
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	200	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	45	J
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	20	
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-Pentanone	200	U
127-18-4	Tetrachloroethene	78	J
108-88-3	Toluene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
1330-20-7	Xylene (total)	100	U
110-75-8	2-Chloroethylvinylether	200	U
156-60-5	trans-1,2-Dichloroethene	14	J
75-69-4	Trichlorofluoromethane	200	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-32

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-02

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3661

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 20.0

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	200	U
74-83-9	Bromomethane	200	U
75-01-4	Vinyl Chloride	540	
75-00-3	Chloroethane	200	U
5-09-2	Methylene Chloride	100	U
75-15-0	Carbon Disulfide	100	U
108-05-4	Vinyl Acetate	200	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
156-59-2	cis-1,2-Dichloroethene	1800	
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	200	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	
79-01-6	Trichloroethene	100	U
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-Pentanone	200	U
127-18-4	Tetrachloroethene	10	J
108-88-3	Toluene	10	J
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	25	J
1330-20-7	Xylene (total)	200	U
110-75-8	2-Chloroethylvinylether	200	U
156-60-5	trans-1,2-Dichloroethene	100	U
75-69-4	Trichlorofluoromethane	200	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-38

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-03

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G5958

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	.8	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	.3	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-34

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-04

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3667

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	1	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-ESE-8

Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 2119A SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER Lab Sample ID: 972119A-05

Sample wt/vol: 5 (g/mL)ML Lab File ID: >E3664

Level: (low/med) LOW Date Received: 09/03/97

% Moisture: not dec. _____ Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 10.0

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	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	220	
75-00-3	Chloroethane	100	U
5-09-2	Methylene Chloride	8	J
75-15-0	Carbon Disulfide	50	U
108-05-4	Vinyl Acetate	100	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	700	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	50	U
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	Xylene (total)	50	U
110-75-8	2-Chloroethylvinylether	100	U
156-60-5	trans-1,2-Dichloroethene	50	U
75-69-4	Trichlorofluoromethane	100	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-30

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-06

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3666

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	2	J
75-00-3	Chloroethane	10	U
5-09-2	Methylene Chloride	1	J
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-X1

L Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____

SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-07

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3663

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 ID: 0.53 (mm)

Dilution Factor: 20.0

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	200	U
74-83-9	Bromomethane	200	U
75-01-4	Vinyl Chloride	1600	
75-00-3	Chloroethane	200	U
5-09-2	Methylene Chloride	13	J
75-15-0	Carbon Disulfide	100	U
108-05-4	Vinyl Acetate	200	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
156-59-2	cis-1,2-Dichloroethene	2100	
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	200	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	62	J
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	17	
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-Pentanone	200	U
127-18-4	Tetrachloroethene	110	
108-88-3	Toluene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
1330-20-7	Xylene (total)	100	U
110-75-8	2-Chloroethylvinylether	200	U
156-60-5	trans-1,2-Dichloroethene	100	U
75-69-4	Trichlorofluoromethane	200	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

FB-1

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-08

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G5935

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/09/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
5-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	2	J
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

TB-1

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: 972119A-09

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G5937

Level: (low/med) LOW

Date Received: 09/03/97

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	2	J
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKGC

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____

SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: VBLKGC

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G5933

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/09/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
5-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKGD

L Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____

SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: VBLKGD

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >G5952

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
5-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
56-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

VBLKEJ

Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 2119A

SAS No.: _____ SDG No.: A2119

Matrix: (soil/water)WATER

Lab Sample ID: VBLKEJ

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >E3659

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/10/97

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	1	J
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
110-75-8	2-Chloroethylvinylether	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-69-4	Trichlorofluoromethane	10	U

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-39

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-01

Matrix WATER Date Received 09/03/97

% Moisture Date Extracted

Final Extract Volume uL Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	64	

Comments BOL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-32

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-02

Matrix WATER

Date Received 09/03/97

% Moisture _____

Date Extracted _____

Final Extract Volume _____ uL

Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	547	

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-38

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-03

Matrix WATER

Date Received 09/03/97

% Moisture _____

Date Extracted _____

Final Extract Volume _____ uL

Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	50	BQL

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-34

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-04

Matrix WATER

Date Received 09/03/97

% Moisture _____

Date Extracted _____

Final Extract Volume _____ uL

Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q
GASOLINE RANGE ORGANICS	50	BOL

Comments BOL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-ESE-8

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-05

Matrix WATER

Date Received 09/03/97

% Moisture

Date Extracted

Final Extract Volume uL

Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	50	BQL

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-30

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-06

Matrix WATER

Date Received 09/03/97

% Moisture _____

Date Extracted _____

Final Extract Volume _____ uL

Date Analyzed 09/10/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	50	BQL

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

MW-X1

Lab Name: IEA/CT IEA Project No. 7097-2119A Lab Sample ID 972119A-07

Matrix WATER Date Received 09/03/97

% Moisture _____ Date Extracted _____

Final Extract Volume _____ uL Date Analyzed 09/10/97

Sample Volume/Weight 5.0 mL Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	95	

Comments BQL: Below Quantitation Limit

Client Sample ID

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

GROBLK 090997

Lab Name: IEA/CT IEA Project No. 7097-2005A Lab Sample ID GROBLK090997

Matrix WATER

Date Received

% Moisture

Date Extracted

Final Extract Volume uL

Date Analyzed 09/09/97

Sample Volume/Weight 5.0 mL

Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q
GASOLINE RANGE ORGANICS	50	BQL

Comments BQL: Below Quantitation Limit

FORM 1
GC ANALYSIS DATA SHEET
PETROLEUM HYDROCARBONS

Client Sample ID

GROBLK 091097

Lab Name: IEA/CT IEA Project No. 7097-2005A Lab Sample ID GROBLK091097

Matrix WATER Date Received _____

% Moisture _____ Date Extracted _____

Final Extract Volume _____ uL Date Analyzed 09/10/97

Sample Volume/Weight 5.0 mL Dilution Factor 1

Concentration Units ug/L

Compound	Concentration	Q

GASOLINE RANGE ORGANICS	50	BOL

Comments BOL: Below Quantitation Limit

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE 0022

98MPI-SA-MW40

L: Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0536A

SAS No.: _____

SDG No.: A0536

Matrix: (soil/water) WATER

Lab Sample ID: 980536A-01

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >E6903

Level: (low/med) LOW

Date Received: 03/12/98

% Moisture: not dec. _____

Date Analyzed: 03/16/98

GC Column: 007-624 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

71-43-2	Benzene	.7	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
75-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
110-75-8	2-Chloroethylvinylether	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	5	U
108-10-1	4-Methyl-2-Pentanone	12	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	1	J
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	5	U
75-01-4	Vinyl Chloride	2	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TB031198

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0536A

SAS No.: _____ SDG No.: A0536

Matrix: (soil/water) WATER

Lab Sample ID: 980536A-02

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >E6899

Level: (low/med) LOW

Date Received: 03/12/98

% Moisture: not dec. _____

Date Analyzed: 03/16/98

GC Column: 007-624 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

71-43-2	Benzene	.7	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
-93-3	2-Butanone	10	U
-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
110-75-8	2-Chloroethylvinylether	5	U
67-66-3	Chloroform	.7	J
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	.7	J
108-10-1	4-Methyl-2-Pentanone	12	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	5	U
75-01-4	Vinyl Chloride	2	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. 0053

VBLKEV

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0536A SAS No.: _____ SDG No.: A0536

Matrix: (soil/water) WATER

Lab Sample ID: VBLKEV

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >E6892

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 03/16/98

GC Column: 007-624 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

71-43-2	Benzene	.7	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
93-3	2-Butanone	10	U
15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
110-75-8	2-Chloroethylvinylether	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
75-09-2	Methylene Chloride	5	U
108-10-1	4-Methyl-2-Pentanone	12	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
75-69-4	Trichlorofluoromethane	5	U
75-01-4	Vinyl Chloride	2	U
1330-20-7	Xylene (total)	5	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEETLa Name: IEA-CT Contract: _____ Client ID: 98MPI-SA-MW40Lab Code: IEACT Case No.: 0536A SDG No.: A0536Matrix: (soil/water): WATER Lab Sample ID: 980536A-01Sample wt/vol: 1000 (g/ml) ML Lab File ID: EX159HC015% Moisture: _____ decanted: (Y/N) _____ Date Received : 03/12/98Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 03/13/98Concentrated Extract Volume: 1000 (ul) Date Analyzed : 03/24/98Injection Volume: 3.0 (uL) Dilution Factor: 1.0GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) NCAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

	Diesel Range Organics	500	BQL

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

L Name: IEA-CT Contract: _____ Client ID: PBLK35QC
Lab Code: IEACT Case No.: 0536A SDG No.: A0536
Matrix: (soil/water): WATER Lab Sample ID: 031398-B04QC
Sample wt/vol: 1000 (g/ml) ML Lab File ID: EX159HC014
% Moisture: _____ decanted: (Y/N) _____ Date Received : _____
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 03/13/98
Concentrated Extract Volume: 1000 (ul) Date Analyzed : 03/24/98
Injection Volume: 3.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

	Diesel Range Organics	890	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

95MPI-AW-MW-41

Job Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 1406A

SAS No.: _____

SDG No.: A1406

Matrix: (soil/water)WATER

Lab Sample ID: 981406A-15

Sample wt/vol: 5 (g/mL)ML

Lab File ID: >L0085

Level: (low/med) LOW

Date Received: 06/27/98

% Moisture: not dec. _____

Date Analyzed: 07/03/98

GC Column: 007-624 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	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	19	
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	13	
7-64-1	Acetone	10	B
75-15-0	Carbon Disulfide	5	U
108-05-4	Vinyl Acetate	10	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	9	
67-66-3	Chloroform	5	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	.7	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
330-20-7	Xylene (total)	5	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

95MPI-AW-MW-41

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 1406

SAS No.: _____

SDG No.: A1406Matrix (soil/water): WATERLab Sample ID: 981406A-15Level (low/med): LOWDate Received: 06/27/98% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1550		E	P
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium	69700			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	1910		*	P
7439-92-1	Lead				NR
7439-95-4	Magnesium	8850			P
7439-96-5	Manganese	363.			P
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium	75200		E	P
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium	164000			P
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc	126.		*E	P
57-12-5	Cyanide				NR

Color Before: COLORLESSClarity Before: CLEAR

Texture: _____

Color After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

95MPI-AW-MW-41

Contract : _____

SDG No. : A1406

Lab Sample ID: 981406A-15

Date Received: 06/27/98

[illegible]

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-1-0.25

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0243

SAS No.: _____

SDG No.: A0243Matrix (soil/water): SOILLab Sample ID: 980243A-01Level (low/med): LOWDate Received: 02/02/98% Solids: 66.8

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.8			P
7440-39-3	Barium	73.2			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	61.1			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.094	U	N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.8		N	P
7440-22-4	Silver	0.30	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-2-0.5

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0243

SAS No.: _____

SDG No.: A0243Matrix (soil/water): SOILLab Sample ID: 980243A-02Level (low/med): LOWDate Received: 02/02/98% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.5			P
7440-39-3	Barium	145.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.8			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	37.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	176.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.32		N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.2		N	P
7440-22-4	Silver	0.56	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-2-0.5D

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0243

SAS No.: _____

SDG No.: A0243Matrix (soil/water): SOILLab Sample ID: 980243A-03Level (low/med): LOWDate Received: 02/02/98% Solids: 85.4

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.7			P
7440-39-3	Barium	148.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.23	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	21.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	125.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.14		N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.8		N	P
7440-22-4	Silver	0.26	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB-FB-1

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0243

SAS No.: _____

SDG No.: A0243Matrix (soil/water): WATERLab Sample ID: 980243A-04Level (low/med): LOWDate Received: 02/02/98% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	1.0	U		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.0	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.45			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: COLORLESSClarity Before: CLEAR

Texture: _____

Color After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-32-3

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0333

SAS No.: _____

SDG No.: A0333Matrix (soil/water): SOILLab Sample ID: 980333A-01Level (low/med): LOWDate Received: 02/12/98% Solids: 81.4

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	47.3			P
7440-39-3	Barium	164.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	24.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	180.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.5			P
7440-22-4	Silver	0.51	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-34-3

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0333

SAS No.: _____

SDG No.: A0333Matrix (soil/water): SOILLab Sample ID: 980333A-02Level (low/med): LOWDate Received: 02/12/98% Solids: 81.2

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.9			P
7440-39-3	Barium	72.1			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.25	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	17.1			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	B		P
7440-22-4	Silver	0.25	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SBA-PER-A

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0333

SAS No.: _____

SDG No.: A0333Matrix (soil/water): SOILLab Sample ID: 980333A-03Level (low/med): LOWDate Received: 02/12/98% Solids: 72.9

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.5			P
7440-39-3	Barium	80.4			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.27	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	19.0			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.4			P
7440-22-4	Silver	0.27	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MPI-SBA-PER-4-1

Lab ne: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0810A SAS No.: _____ SDG No.: A0810

Matrix: (soil/water) SOIL Lab Sample ID: 980810A-03

Sample wt/vol: 30 (g/mL) G Lab File ID: >I6070

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 16 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/23/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8

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

CAS NO. COMPOUND

62-75-9	N-Nitrosodimethylamine	120	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl) ether	390	U
95-57-8	2-Chlorophenol	390	U
5-73-1	1,3-Dichlorobenzene	390	U
1-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
108-60-1	bis(2-Chloroisopropyl) ether	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	31	JB
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	390	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	35	J
606-20-2	2,6-Dinitrotoluene	170	U
83-32-9	Acenaphthene	79	J
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MPI-SBA-PER-4-1

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0810A SAS No.: _____ SDG No.: A0810

Matrix: (soil/water)SOIL Lab Sample ID: 980810A-03

Sample wt/vol: 30 (g/mL)G Lab File ID: >I6070

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 16 decanted: (Y/N)N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/23/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: 7.8

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

CAS NO. COMPOUND

Q

86-73-7	Fluorene	61	J
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
117-74-1	Hexachlorobenzene	390	U
117-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	740	
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	9	J
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	2400	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	660	
218-01-9	Chrysene	800	
117-81-7	bis(2-Ethylhexyl)phthalate	42	J
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	610	
207-08-9	Benzo(k)fluoranthene	640	
50-32-8	Benzo(a)pyrene	680	
193-39-5	Indeno(1,2,3-cd)pyrene	590	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	630	

- Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAI

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT

Case No.: 0810A

SAS No.: _____

SDG No.: A0810

Matrix: (soil/water)SOIL

Lab Sample ID: SBLKAI

Sample wt/vol: 30 (g/mL)G

Lab File ID: >I6069

Level: (low/med) LOW

Date Received: _____

% Moisture: 0 decanted: (Y/N)N

Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/23/98

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO.

COMPOUND

Q

62-75-9	N-Nitrosodimethylamine	100	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) ether	330	U
95-57-8	2-Chlorophenol	330	U
5-73-1	1,3-Dichlorobenzene	330	U
1-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	bis(2-Chloroisopropyl) ether	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy) methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	61	J
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	140	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAI

Lab Name: IEA/CT

Contract: _____

Lab Code: IEACT Case No.: 0810A SAS No.: _____ SDG No.: A0810

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

Sample wt/vol: 30 (g/mL)G Lab File ID: >I6069

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N)N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/23/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

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

CAS NO. COMPOUND

Q

86-73-7	Fluorene	330	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
117-74-1	Hexachlorobenzene	330	U
136-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	100	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

- Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: MPI-SBA-PER-4-1

Lab Code: IEACT Case No.: 0810A SDG No.: A0810

Matrix: (soil/water): SOIL Lab Sample ID: 980810A-03

Sample wt/vol: 30 (g/ml) G Lab File ID: A5415068

% Moisture: 16 decanted: (Y/N) __ Date Received : 04/10/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/10/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 04/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
30' 0-2	Aldrin	2.0	U
10. 57-3	Heptachlor Epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan Sulfate	13. .	
50-29-3	4,4'-DDT	6.0	
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	39.	U
12674-11-2	Aroclor-1016	39.	U
11104-28-2	Aroclor-1221	80.	U
11141-16-5	Aroclor-1232	39.	U
53469-21-9	Aroclor-1242	39.	U
12672-29-6	Aroclor-1248	39.	U
11097-69-1	Aroclor-1254	39.	U
11096-82-5	Aroclor-1260	29.	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PBLK94

Lab Code: IEACT Case No.: 0810A SDG No.: A0810

Matrix: (soil/water): SOIL Lab Sample ID: 041098-B02

Sample wt/vol: 30 (g/ml) G Lab File ID: A5415066

Moisture: 0 decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/10/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 04/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
30 0-2	Aldrin	1.7	U
10 57-3	Heptachlor Epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan Sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17.	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	33.	U
12674-11-2	Aroclor-1016	33.	U
11104-28-2	Aroclor-1221	67.	U
11141-16-5	Aroclor-1232	33.	U
53469-21-9	Aroclor-1242	33.	U
12672-29-6	Aroclor-1248	33.	U
11097-69-1	Aroclor-1254	33.	U
11096-82-5	Aroclor-1260	33.	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MPI-SBA-PER-3-1

b Name: IEA

Contract: _____

b Code: IEA Case No.: 0810

SAS No.: _____

SDG No.: A0810Matrix (soil/water): SOILLab Sample ID: 980810A-01Level (low/med): LOWDate Received: 04/10/98Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	23.4			P
7440-39-3	Barium	108.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	27.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	816.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.7			P
7440-22-4	Silver	1.2	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

¹
 INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MPI-SBA-PER-5-0.5

Lab Name: IEA

Contract: _____

Lab Code: IEA Case No.: 0810

SAS No.: _____

SDG No.: A0810Matrix (soil/water): SOILLab Sample ID: 980810A-02Level (low/med): LOWDate Received: 04/10/98Solids: 83.9

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.5			P
7440-39-3	Barium	154.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.31	B	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	22.9			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	406.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.88			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.4			P
7440-22-4	Silver	0.24	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MPI-SBA-PER-4-1

b Name: IEA

Contract: _____

b Code: IEA Case No.: 0810

SAS No.: _____

SDG No.: A0810Matrix (soil/water): SOILLab Sample ID: 980810A-03Level (low/med): LOWDate Received: 04/10/98Solids: 86

Concentration Units (ug/L or mg/kg dry weight): Mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	101.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.23	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	3.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	116.			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.19			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.46	U		P
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: BROWNClarity Before: OPAQUETexture: MEDColor After: YELLOWClarity After: CLEAR

Artifacts: _____

Comments:

APPENDIX E

NYSDEC Perfection Plating Analytical Results



FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 784-8100

Fax: (518) 784-7700

PROJECT #: 9918089

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST

NY 14228

Attention: MR. DAN MORRISON

Task #: 980130X

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: N,I,J,K,L 10' B

Location: PERFECTION PLATING, WATERVLIET

Sample No: 980130X 06

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCB/KG	GCMSB:21 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLE	ND	190	MCB/KG	GCMSB:21 2/19/98
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-27:47 2/12/98
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D-27:46 2/11/98
ALUMINUM	ICP, SW-846 METHOD 6010	10,900	5.5	MG/KG	F-7:208 2/12/98
ANTIMONY	ICP, SW-846 METHOD 6010	ND	6.6	MG/KG	F-7:214 2/18/98
ARSENIC	ICP, SW-846 METHOD 6010	8.0	1.1	MG/KG	F-7:214 2/18/98
BARIUM	ICP, SW-846 METHOD 6010	156	3.3	MG/KG	F-7:208 2/12/98
BERYLLIUM	ICP, SW-846 METHOD 6010	0.66	0.55	MG/KG	F-7:208 2/12/98
CADMIUM	ICP, SW-846 METHOD 6010	ND	4.2	MG/KG	F-7:208 2/12/98
CALCIUM	ICP, SW-846 METHOD 6010	2,460	55	MG/KG	F-7:208 2/12/98
CHROMIUM	ICP, SW-846 METHOD 6010	21.0	1.1	MG/KG	F-7:208 2/12/98
CORAL	ICP, SW-846 METHOD 6010	8.4	5.5	MG/KG	F-7:214 2/18/98
COPPER	ICP, SW-846 METHOD 6010	43.1	2.2	MG/KG	F-7:208 2/12/98
IRON	ICP, SW-846 METHOD 6010	29,800	55.0	MG/KG	F-7:214 2/18/98
LEAD	ICP, SW-846 METHOD 6010	13.6	1.1	MG/KG	F-7:208 2/12/98
MAGNESIUM	ICP, SW-846 METHOD 6010	6,200	55	MG/KG	F-7:208 2/12/98
MANGANESE	ICP, SW-846 METHOD 6010	262	1.1	MG/KG	F-7:208 2/12/98
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-27:46 2/10/98
MERCURY	SW-846 METHOD 7471	ND	0.1	MG/KG	E-5:124 2/11/98
NICKEL	ICP, SW-846 METHOD 6010	31.2	3.3	MG/KG	F-7:208 2/12/98
POTASSIUM	SW-846 METHOD 7610	1,090	40	MG/KG	B-18:33 2/16/98
SELENIUM	SW-846 METHOD 7740	ND	0.52	MG/KG	C-12:227 2/12/98
SILVER	ICP, SW-846 METHOD 6010	ND	1.1	MG/KG	F-7:208 2/12/98
SODIUM	SW-846 METHOD 7770	90.7	20	MG/KG	B-18:33 2/16/98

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK - BOSTON - ALBANY - RICHMOND - LYON, FRANCE

19907587101 744 35-61 8047400

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 06

Data Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H,I,J,K,L 10' B

Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
THALLIUM	SW-846 METHOD 7841	ND	1.0	MG/KG	C-12:226 2/9/98
VANADIUM	ICP, SW-846 METHOD 6010	18.6	5.5	MG/KG	F-7:208 2/12/98
ZINC	ICP, SW-846 METHOD 6010	78.6	2.2	MG/KG	F-7:208 2/12/98
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D-27:37 2/3/98
TCLP ACID EXTRACTABLES	SW-846 METHOD 8270	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
D-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCG/L	GCMSD:82 2/15/98
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCG/L	GCMSD:82 2/15/98
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCG/L	GCMSD:82 2/15/98
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCG/L	GCMSD:82 2/15/98
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	GCMSD:82 2/15/98
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
HEXACHLOROCYCLOHEPTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
ACID DIGESTION ON TCLP EXTRACT	SW-846 METHOD 3010	COMPLETED			D-27:46 2/11/98
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471	COMPLETED			D-27:43 2/9/98
ARSENIC, BY TCLP	SW-846 METHOD 6010	ND	0.10	MG/L	F-7:213 2/18/98
BARIUM, BY TCLP	SW-846 METHOD 6010	3.8	0.70	MG/L	F-7:208 2/12/98
CADMIUM, BY TCLP	SW-846 METHOD 6010	ND	0.005	MG/L	F-7:208 2/12/98
CHROMIUM, BY TCLP	SW-846 METHOD 6010	0.018	0.010	MG/L	F-7:208 2/12/98
LEAD, BY TCLP	SW-846 METHOD 6010	0.021	0.020	MG/L	F-7:208 2/12/98
MERCURY, BY TCLP	SW-846 METHOD 7471	ND	0.0002	MG/L	E-5:122 2/10/98
SELENIUM, BY TCLP	SW-846 METHOD 6010	ND	0.050	MG/L	F-7:208 2/12/98
SILVER, BY TCLP	SW-846 METHOD 6010	ND	0.810	MG/L	F-7:208 2/12/98

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON FRANCE



FULL SERVICE ENVIRONMENTAL LABORATORIES
PHILADELPHIA

495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Printed by: PHILIP RICHARD

Sample Id: H,I,J,K,L 10' B

1. Договор на доставка - предмет на доставка е 1000 кг. месо, свинска

Parameters and Standard Methodology: 11.1

(CONTINUED FROM PREVIOUS PAGE)

ANALYTE	METHOD	STATUS	DATE	TIME	CONC	REMARKS
ACETONE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
CARBON DISULFIDE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
CHLOROFORM	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
TRICHLOROETHENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
BENZENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
BROMOFORM	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
2-HEXANONE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
TOLUENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
CHLOROBENZENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
ETHYLBENZENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
STYRENE	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
O-XYLENES	SW-846 METHOD 8240	ND	11/1/98	11:00	0.00	
PURGE & TRAP EXTRACTION	SW-846 METHOD 8240	COMPLETED	11/1/98	11:00	0.00	

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK - BOSTON - AIRWAY - RICHMOND - LYON, FRANCE

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FULL SERVICE ENVIRONMENTAL LABORATORIES
PHILIP SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

~~SCILAB RELEASE~~ 5/27/98
15 Century Hill Drive
P.O. Box 707
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700
PROJECT #: 9918089

Attention: MR. DAN MORRISON

Task #: 980130x

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: N,1,J,K,L 10' B
Location: PERFECTION PLATING, WATERVLIET

Sample Nos: 980130X 06
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

Results MOL Unit Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST VOLATILESTCL VOLATILES 91-1	COMPLETED				GCN5EB:144 2/5/98
COMPOSITE OF SAMPLES CTH	COMPLETED				GCN5EB:144 2/5/98
COMPOSITE OF SAMPLES CTH	COMPLETED				JR 2/5/98
REACTIVE CYANIDE DISTILLATION SW-846 METHOD 7.3.3.2	(2) COMPLETED				PL 2/5/98
CYANIDE, REACTIVE SW-846 METHOD 7.3.3.2	(2) NO	0.5	MG/KG		PL 2/6/98
SULFIDE, REACTIVE SW-846 METHOD 7.3.4.2	NO	6	MG/KG		PL 2/5/98
CORROSIVITY EPA, EVAL. SOLID WASTE, 1980.40 CFR 261.22	NOW CORROS				PL 2/9/98
PH FOR SOLIDS MEASURED IN H2O SW-846 9045A	9.6		SU9220C		PL 2/9/98
CYANIDE DISTILLATION STD. METHOD: 19TH ED. 4500-CN C	COMPLETED				PL 2/5/98
CYANIDE, TOTAL W/DISTILLATION EPA 335.2 ; 335.3	NO	0.5	MG/KG		PL 2/6/98

REMARKS: (2) The concentration of total cyanide for this sample is less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis is not necessary.

END OF REPORT

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE



PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
ANNHURST NY 14225

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L COMP. A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130x

Sample No: 980130X 01
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PM	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	84.0		%	ACH 2/2/98
CHLOROMETHANE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
BROMOMETHANE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
VINYL CHLORIDE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
CHLOROETHANE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
METHYLENE CHLORIDE	SW-846 METHOD 8240	(J) 6	6	MCQ/KG	GCMSEB:143 2/5/98
ACETONE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
BENZENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
BROMOFORM	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCQ/KG	GCMSEB:143 2/5/98
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
TOLUENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCQ/KG	GCMSEB:143 2/5/98

(CONTINUES ON NEXT PAGE)

REMARKS: (J) Estimated value. Result is below sample quantitation level, but above the instrument detection limit.

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FULL SERVICE ENVIRONMENTAL LABORATORY

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
ANNHURST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 48061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H.I.J.K.L COMP. A
Location: PERFECTION PLATING, WATERYLIET

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 950130X 01
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

Parameters and Standard Methodology Used		Results	POL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:143 2/5/
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:143 2/5/
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:143 2/5/
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSB:143 2/5/
TARGET COMPOUND LIST VOLATILESTCL VOLATILES 91-1		COMPLETED			GCMSB:143 2/5/
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL - ACIDS	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL B/M	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/9
1,3,5-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9
4-CHLORANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/9

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2545555

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PAGE 3

SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 01

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST

NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H,I,J,K,L COMP. A

Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	POL	Unit	Analyst Refers
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/98
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	950	MCG/KG	GCMSB:20 2/19/98
2-CHLORONAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	950	MCG/KG	GCMSB:20 2/19/98
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	950	MCG/KG	GCMSB:20 2/19/98
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	950	MCG/KG	GCMSB:20 2/19/98
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	950	MCG/KG	GCMSB:20 2/19/98
DIBENZOPURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	950	MCG/KG	GCMSB:20 2/19/98
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	950	MCG/KG	GCMSB:20 2/19/98
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	950	MCG/KG	GCMSB:20 2/19/98
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	740	190	MCG/KG	GCMSB:20 2/19/98
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	640	190	MCG/KG	GCMSB:20 2/19/98
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	670	190	MCG/KG	GCMSB:20 2/19/98

(CONTINUES ON NEXT PAGE)

REMARKS:

TAGM 400 ppm

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PAGE 4

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 01
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
ANNHEIM NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L COMP. A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	430	190	MCG/KG	GCMSB:20 2/19/98
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	430	190	MCG/KG	GCMSB:20 2/19/98
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	380	MCG/KG	GCMSB:20 2/19/98
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	670	190	MCG/KG	GCMSB:20 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	530	190	MCG/KG	GCMSB:20 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	520	190	MCG/KG	GCMSB:20 2/19/98
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	470	190	MCG/KG	GCMSB:20 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:20 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	530	190	MCG/KG	GCMSB:20 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:20 2/19/98
COMPOSITE OF SAMPLES	CTM	COMPLETED			GCMSB:143 2/5/98
COMPOSITE OF SAMPLES	CTM	COMPLETED			JR 2/5/98
TCLP-ZERO HEADSPACE EXTRACTIONS	SW-846 METHOD 1311	COMPLETED			TAM 2/7/98
TCLP VOLATILES	SW-846 METHOD 8240	COMPLETED			GCMSCE:42 2/12/98
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCE:42 2/12/98
BENZENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
CHLOROFORM (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
TRICHLOROETHENE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	GCMSCE:42 2/12/98
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D-27:37 2/3/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L COMP. A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TCLP ACID EXTRACTABLES	SW-846 METHOD 8270
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS
EXTRACTION FOR TCLP B/W	SW-846 METHOD 8270
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
TCLP PESTICIDES/HERBICIDES	SW-846 METHODS 8080/8150
EXTRACTION FOR TCLP PESTICIDE	SW-846 METHOD 8080
CHLORDANE (TCLP)	SW-846 METHOD 8080
ENDRIN (TCLP)	SW-846 METHOD 8080
HEPTACHLOR (TCLP)	SW-846 METHOD 8080
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080
LINDANE (TCLP)	SW-846 METHOD 8080
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080
TOXAPHENE (TCLP)	SW-846 METHOD 8080
EXTRACTION FOR TCLP HERBICIDE	SW-846 METHOD 8150
2,4-D (TCLP)	SW-846 METHOD 8150
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150
ACID DIGESTION ON TCLP EXTRACTS	SW-846 METHOD 3010
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471

(CONTINUES ON NEXT PAGE)

REMARKS:

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PAGE 5

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 01
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Results	PQL	Unit	Analyst Reference
COMPLETED			GCMSD:81 2/15/98
COMPLETED			ACK 2/6/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	100	MCG/L	GCMSD:81 2/15/98
ND	100	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	40	MCG/L	GCMSD:81 2/15/98
COMPLETED			GCMSD:81 2/15/98
COMPLETED			ACK 2/6/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
ND	20	MCG/L	GCMSD:81 2/15/98
COMPLETED			GCMSD:81 2/15/98
COMPLETED			ACK 2/7/98
ND	2.0	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	4.0	MCG/L	GC3H:38 2/12/98
COMPLETED			ACK 2/7/98
ND	0.2	MCG/L	GC9A:58 2/12/98
ND	0.2	MCG/L	GC9A:58 2/12/98
COMPLETED			D-27:46 2/11/98
COMPLETED			D-27:43 2/9/98

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 01

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H,I,J,K,L COMP - A

Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

Results	PQL	Unit	Analyst Refer
ND	0.050	MG/L	F-7:213 2/18/98
1.6	0.20	MG/L	F-7:208 2/12/98
ND	0.005	MG/L	F-7:208 2/12/98
0.010	0.010	MG/L	F-7:208 2/12/98
0.47	0.020	MG/L	F-7:208 2/12/98
ND	0.0002	MG/L	E-5:122 2/10/98
ND	0.050	MG/L	F-7:208 2/12/98
ND	0.010	MG/L	F-7:208 2/12/98
(2) COMPLETED			PL 2/5/98
(2) ND	0.6	MG/KG	PL 2/6/98
ND	6	MG/KG	PL 2/5/98
NONCORROS			PL 2/9/98
7.7		SUB240C	PL 2/9/98
COMPLETED			D-27:47 2/12/98
COMPLETED			D-27:46 2/11/98
9.060	5.7	MG/KG	F-7:208 2/12/98
77.9	6.8	MG/KG	F-7:214 2/18/98
12.4	1.1	MG/KG	F-7:214 2/18/98
132	5.7	MG/KG	F-7:208 2/12/98
ND	0.57	MG/KG	F-7:208 2/12/98
ND	5.1	MG/KG	F-7:208 2/12/98
4,570	56.7	MG/KG	F-7:208 2/12/98
33.0	1.1	MG/KG	F-7:208 2/12/98
12.9	5.7	MG/KG	F-7:214 2/18/98
100	2.3	MG/KG	F-7:208 2/12/98
27,500	56.7	MG/KG	F-7:214 2/18/98
321	1.1	MG/KG	F-7:208 2/12/98
4,000	56.7	MG/KG	F-7:208 2/12/98
1,050	1.1	MG/KG	F-7:208 2/12/98
COMPLETED			D-27:44 2/10/98

(CONTINUES ON NEXT PAGE)

REMARKS: (2) The concentration of total cyanide for this sample is less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis is not necessary.

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PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 01
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14220

ATTENTION: MR. DAN MORRISON

Purchase Order Number: 68041
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L COMP. A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

CONTINUED PEST/PCB		5.5	0.4	MG/KG	E-5:124 2/11/98
MERCURY	SW-846 METHOD 7471	50.2	3.4	MG/KG	F-7:208 2/12/98
NICKEL	ICP, SW-846 METHOD 6010	1,100	20	MG/KG	B-18:33 2/16/98
POTASSIUM	SW-846 METHOD 7610	ND	0.60	MG/KG	C-12:227 2/12/98
SELENIUM	SW-846 METHOD 7740	ND	1.1	MG/KG	F-7:208 2/12/98
SILVER	ICP, SW-846 METHOD 6010	398	20	MG/KG	B-18:35 2/16/98
SODIUM	SW-846 METHOD 7770	ND	1.2	MG/KG	C-12:226 2/9/98
THALLIUM	SW-846 METHOD 7841	20.1	5.7	MG/KG	F-7:208 2/12/98
VANADIUM	ICP, SW-846 METHOD 6010	212	2.3	MG/KG	F-7:208 2/12/98
ZINC	ICP, SW-846 METHOD 6010	COMPLETED			MJV 2/9/98
TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED			
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ALPHA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
BETA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
DELTA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
GAMMA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
HEPTACHLOR	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ALDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
HEPTACHLOR EPOXIDE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ENDOSULFAN I	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
DIELDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
4,4-DDE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ENDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ENDOSULFAN II	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
4,4-DDD	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ENDOSULFAN SULFATE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
4,4-DDT	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
METHOXYCHLOR	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ENDRIN KETONE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
ALPHA-CHLORDANE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98
GAMMA-CHLORDANE	EPA METHOD 8080	ND	2.0	MCG/L	GC80:009 2/23/98

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REMARKS:

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PHILIP SERVICES

02/25/98 10:11 FAX 15185878334

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L COMP. A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TOXAPRENE

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

PCB-1260

CYANIDE DISTILLATION

CYANIDE, TOTAL W/DISTILLATION

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

EPA METHOD 8080

STD. METHODS 18TH ED. 4500-CH C

EPA 335.2 ; 335.3

SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel (518) 786-8100

Fax (518) 786-7700

PROJECT #: 9918089

Task #: 98013CX

Sample No: 980130X 01

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL

Results	PQL	Unit	Analyst Referen
ND	4.0	MCQ/L	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
ND	192.5	MCQ/KG	GC3H:045 2/22/98
COMPLETED			PL 2/5/98
ND	0.6	MG/KG	PL 2/6/98

LEGEND: MG/KG=PPM, MCQ/KG=PPB, MG/L=PPM, MCQ/L=PPB, MCQ/

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PHILIP SERVICES

02.25/98 10:11 FAX 15185876534

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' A
Location: PERFECTION PLAYING, WATERVLIET

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 784-8100
Fax: (518) 784-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 02
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Referer
% SOLIDS	CLP SOL 4/89	90.8		%	PL 2/5/98
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL - ACIDS	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL 8/N	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
HEXACHLOROTHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCQ/KG	GCMSB:21 2/19/98
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,400	MCQ/KG	GCMSB:21 2/19/98
2-CHLORONAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCQ/KG	GCMSB:21 2/19/98

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REMARKS:

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09-28-68 11:01 FAX TELETYPE

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SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 02
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Referen
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCB/KG	GCMSB:21 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCB/KG	GCMSB:21 2/19/98
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-27:47 2/12/98
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D-27:46 2/11/98
ALUMINUM	ICP, SW-846 METHOD 6010	10,000	5.2	MG/KG	F-7:208 2/12/98
ANTIMONY	ICP, SW-846 METHOD 6010	ND	6.3	MG/KG	F-7:216 2/18/98
ARSENIC	ICP, SW-846 METHOD 6010	9.2	1.0	MG/KG	F-7:214 2/18/98
BARIUM	ICP, SW-846 METHOD 6010	216	5.2	MG/KG	F-7:208 2/12/98
BERYLLIUM	ICP, SW-846 METHOD 6010	ND	0.52	MG/KG	F-7:208 2/12/98
CAESIUM	ICP, SW-846 METHOD 6010	ND	5.8	MG/KG	F-7:208 2/12/98
CALCIUM	ICP, SW-846 METHOD 6010	11,200	52.4	MG/KG	F-7:208 2/12/98
CHROMIUM	ICP, SW-846 METHOD 6010	19.7	1.0	MG/KG	F-7:208 2/12/98
COBALT	ICP, SW-846 METHOD 6010	13.6	5.2	MG/KG	F-7:214 2/18/98
COPPER	ICP, SW-846 METHOD 6010	79.3	2.1	MG/KG	F-7:208 2/12/98
IRON	ICP, SW-846 METHOD 6010	26,700	52.4	MG/KG	F-7:214 2/18/98
LEAD	ICP, SW-846 METHOD 6010	128	1.0	MG/KG	F-7:208 2/12/98
MAGNESIUM	ICP, SW-846 METHOD 6010	6,300	52.4	MG/KG	F-7:208 2/12/98
MANGANESE	ICP, SW-846 METHOD 6010	776	1.0	MG/KG	F-7:208 2/12/98
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-27:44 2/10/98
MERCURY	SW-846 METHOD 7471	0.1	0.1	MG/KG	E-5:124 2/11/98
NICKEL	ICP, SW-846 METHOD 6010	71.7	3.1	MG/KG	F-7:208 2/12/98
POTASSIUM	SW-846 METHOD 7610	1,260	40	MG/KG	B-18:33 2/18/98
SELENIUM	SW-846 METHOD 7740	ND	0.57	MG/KG	C-12:227 2/12/98
SILVER	ICP, SW-846 METHOD 6010	ND	1.0	MG/KG	F-7:208 2/12/98
SODIUM	SW-846 METHOD 7770	127	20	MG/KG	B-18:35 2/18/98

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REMARKS:

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 02
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	POL	Unit	Analyst Reference
THALLIUM	SW-846 METHOD 7841	ND	1.1	MG/KG	C-12:226 2/9/98
VANADIUM	ICP, SW-846 METHOD 6010	18.5	5.2	MG/KG	F-7:208 2/12/98
ZINC	ICP, SW-846 METHOD 6010	103	2.1	MG/KG	F-7:208 2/12/98
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D-27:37 2/3/98
TCLP ACID EXTRACTABLES	SW-846 METHOD 8270	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCQ/L	GCMSD:82 2/15/98
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCQ/L	GCMSD:82 2/15/98
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCQ/L	GCMSD:82 2/15/98
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCQ/L	GCMSD:82 2/15/98
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCQ/L	GCMSD:82 2/15/98
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCQ/L	GCMSD:82 2/15/98
ACID DIGESTION ON TCLP EXTRACT	SW-846 METHOD 3010	COMPLETED			D-27:46 2/11/98
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471	COMPLETED			D-27:43 2/9/98
ARSENIC, BY TCLP	SW-846 METHOD 6010	ND	0.150	MG/L	F-7:213 2/18/98
BARIUM, BY TCLP	SW-846 METHOD 6010	2.0	0.20	MG/L	F-7:208 2/12/98
CADMIUM, BY TCLP	SW-846 METHOD 6010	ND	0.005	MG/L	F-7:208 2/12/98
CHROMIUM, BY TCLP	SW-846 METHOD 6010	0.012	0.010	MG/L	F-7:208 2/12/98
LEAD, BY TCLP	SW-846 METHOD 6010	0.12	0.020	MG/L	F-7:208 2/12/98
MERCURY, BY TCLP	SW-846 METHOD 7471	ND	0.0002	MG/L	E-5:122 2/10/98
SELENIUM, BY TCLP	SW-846 METHOD 6010	ND	0.050	MG/L	F-7:208 2/12/98
SILVER, BY TCLP	SW-846 METHOD 6010	ND	0.010	MG/L	F-7:208 2/12/98

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE

Fax: (518) 784-7700

PROJECT #: 9918089

Task #: 980130K

Sample No: 980130X 02
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: A8061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: N.I.J.K.L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST
EXTRACTION FOR TEL PEST/PCB

TCLP PESTICIDES/HERBICIDES

PESTICIDES AND PCB'S 91-3

SW-846 METHODS 8080/8150

40

18

NYU 2/9/98

GC3N:045 2/22/9

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REMARKS:

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE

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PHILIP SERVICES

02/25/88 11:01 AM 1518587853

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14226

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

EXTRACTION FOR TCLP PESTICIDE SW-846 METHOD 8080
CHLORDANE (TCLP) SW-846 METHOD 8080
ENDRIN (TCLP) SW-846 METHOD 8080
HEPTACHLOR (TCLP) SW-846 METHOD 8080
HEPTACHLOR EPOXIDE (TCLP) SW-846 METHOD 8080
LINDANE (TCLP) SW-846 METHOD 8080
METHOXYCHLOR (TCLP) SW-846 METHOD 8080
TOXAPHENE (TCLP) SW-846 METHOD 8080
EXTRACTION FOR TCLP HERBICIDE SW-846 METHOD 8150
2,4-D (TCLP) SW-846 METHOD 8150
2,4,5-TP (SILVEX) (TCLP) SW-846 METHOD 8150
TCLP-ZERO HEADSPACE EXTRACTION SW-846 METHOD 1311
TCLP VOLATILES SW-846 METHOD 8240
PURGE & TRAP EXTRACTION SW-846 METHOD 5030
BENZENE (TCLP) SW-846 METHOD 8240
CARBON TETRACHLORIDE (TCLP) SW-846 METHOD 8240
CHLOROBENZENE (TCLP) SW-846 METHOD 8240
CHLOROFORM (TCLP) SW-846 METHOD 8240
1,4-DICHLOROBENZENE (TCLP) SW-846 METHOD 8240
1,2-DICHLOROETHANE (TCLP) SW-846 METHOD 8240
1,1-DICHLOROETHYLENE (TCLP) SW-846 METHOD 8240
METHYL ETHYL KETONE (TCLP) SW-846 METHOD 8240
TETRACHLOROETHYLENE (TCLP) SW-846 METHOD 8240
TRICHLOROETHENE (TCLP) SW-846 METHOD 8240
VINYL CHLORIDE (TCLP) SW-846 METHOD 8240
CHLOROMETHANE SW-846 METHOD 8240
BROMOMETHANE SW-846 METHOD 8240
VINYL CHLORIDE SW-846 METHOD 8240
CHLOROETHANE SW-846 METHOD 8240
METHYLENE CHLORIDE SW-846 METHOD 8240

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 02
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Results	PQL	Unit	Analyst Reference
COMPLETED			ACK 2/7/98
ND	2.0	MCB/L	GC3H:38 2/12/98
ND	0.2	MCB/L	GC3H:38 2/12/98
ND	0.2	MCB/L	GC3H:38 2/12/98
ND	0.2	MCB/L	GC3H:38 2/12/98
ND	0.2	MCB/L	GC3H:38 2/12/98
ND	0.2	MCB/L	GC3H:38 2/12/98
ND	4.0	MCB/L	GC3H:38 2/12/98
COMPLETED			ACK 2/7/98
ND	0.2	MCB/L	GC9A:58 2/12/98
ND	0.2	MCB/L	GC9A:58 2/12/98
COMPLETED			TMM 2/7/98
COMPLETED			GCMSCE:42 2/12/9
COMPLETED			GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	10		GCMSCE:42 2/12/9
ND	11	MCB/KG	GCMSCE:144 2/5/9
ND	11	MCB/KG	GCMSCE:144 2/5/9
ND	11	MCB/KG	GCMSCE:144 2/5/9
ND	11	MCB/KG	GCMSCE:144 2/5/9
7	6	MCB/KG	GCMSCE:144 2/5/9

(CONTINUES ON NEXT PAGE)

REMARKS:

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 767

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 02

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst	Reference

(CONTINUED FROM PREVIOUS PAGE)

ACETONE	SW-846 METHOD 8240	ND	11	MCG/KG	GCMSDB:144 2/5/9
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSDB:144 2/5/9
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSDB:144 2/5/9
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSDB:144 2/5/9
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSDB:144 2/5/9
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED		MCG/KG	GCMSDB:144 2/5/9

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14220

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L 3.5' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST VOLATILESTCL VOLATILES 91-1

COMPOSITE OF SAMPLES CTM

COMPOSITE OF SAMPLES CTM

REACTIVE CYANIDE DISTILLATION SW-846 METHOD 7.3.3.2

CYANIDE, REACTIVE SW-846 METHOD 7.3.3.2

SULFIDE, REACTIVE SW-846 METHOD 7.3.4.2

CORROSIVITY EPA, EVAL. SOLID WASTE, 1990.40 CPM 261.22

PH FOR SOLIDS MEASURED IN H2O SW-846 9045A

CYANIDE DISTILLATION STD. METHODS 18TH ED. 4500-CN C

CYANIDE, TOTAL W/DISTILLATION EPA 333.2 ; 333.3

Results	PQL	Unit	Analyst	Refer

COMPLETED		MG/KG	GCHSEB:144	2/5/9
COMPLETED		MG/KG	GCHSEB:144	2/5/9
COMPLETED			JR	2/5/98
(2) COMPLETED			PL	2/5/98
(2) ND	0.6	MG/KG	PL	2/6/98
ND	6	MG/KG	PL	2/5/98
NONCORROS			PL	2/9/98
8.5		SUB240C	PL	2/9/98
COMPLETED			PL	2/5/98
ND	0.6	MG/KG	PL	2/6/98

REMARKS: (2) The concentration of total cyanide for this sample is less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis is not necessary.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORY

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 10' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used		Results	POL	Unit	Analyst Reference
% SOLIDS	CLP SW 4/89	91.3		%	PL 2/5/98
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL - ACIDS	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL B/N	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
2,6-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
4-CHLORANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCG/KG	GCMSB:20 2/19/98
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	910	MCG/KG	GCMSB:20 2/19/98
2-CHLORONAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCG/KG	GCMSB:20 2/19/98

(CONTINUES ON NEXT PAGE)

REMARKS:

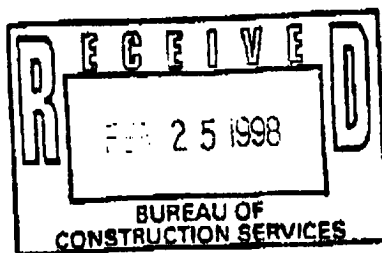
SCILAB ALBANY, INC. - ALBANY, NY 12110 - LYON, FRANCE



PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68041
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L 10' A
Location: PERFECTION PLATING, WATERVLIET



PAGE 18
SCILAB ALBANY, INC.
15 Century Hill Drive
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	910	MCQ/KG	GCMSB:20 2/19/98
DINETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	910	MCQ/KG	GCMSB:20 2/19/98
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	910	MCQ/KG	GCMSB:20 2/19/98
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	910	MCQ/KG	GCMSB:20 2/19/98
DIBENZOPURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	910	MCQ/KG	GCMSB:20 2/19/98
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	910	MCQ/KG	GCMSB:20 2/19/98
N-NITROSDIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	910	MCQ/KG	GCMSB:20 2/19/98
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	360	MCQ/KG	GCMSB:20 2/19/98

(CONTINUES ON NEXT PAGE)

REMARKS:

NEW YORK - BOSTON - ALBANY - RICHMOND - LYON, FRANCE

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
ANNHURST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: W.I,J,K,L 10' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

PAGE 19
SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	180	MCQ/KG	GCMSB:20 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	180	MCQ/KG	GCMSB:20 2/19/98
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-27:47 2/12/98
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D-27:46 2/11/98
ALUMINUM	ICP, SW-846 METHOD 6010	13,400	5.4	MG/KG	F-7:208 2/12/98
ANTHONY	ICP, SW-846 METHOD 6010	ND	6.4	MG/KG	F-7:214 2/18/98
ARSENIC	ICP, SW-846 METHOD 6010	8.6	1.1	MG/KG	F-7:214 2/18/98
BARIUM	ICP, SW-846 METHOD 6010	230	5.4	MG/KG	F-7:208 2/12/98
BERYLLIUM	ICP, SW-846 METHOD 6010	0.74	0.54	MG/KG	F-7:208 2/12/98
CADMIUM	ICP, SW-846 METHOD 6010	ND	6.8	MG/KG	F-7:208 2/12/98
CALCIUM	ICP, SW-846 METHOD 6010	2,680	53.7	MG/KG	F-7:208 2/12/98
CHROMIUM	ICP, SW-846 METHOD 6010	31.0	1.1	MG/KG	F-7:208 2/12/98
COBALT	ICP, SW-846 METHOD 6010	9.2	5.4	MG/KG	F-7:214 2/18/98
COPPER	ICP, SW-846 METHOD 6010	39.2	2.1	MG/KG	F-7:208 2/12/98
IRON	ICP, SW-846 METHOD 6010	31,800	53.7	MG/KG	F-7:214 2/18/98
LEAD	ICP, SW-846 METHOD 6010	16.9	1.1	MG/KG	F-7:208 2/12/98
MAGNESIUM	ICP, SW-846 METHOD 6010	7,000	53.7	MG/KG	F-7:208 2/12/98
MANGANESE	ICP, SW-846 METHOD 6010	306	1.1	MG/KG	F-7:208 2/12/98
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-27:44 2/10/98
MERCURY	SW-846 METHOD 7471	ND	0.1	MG/KG	E-5:124 2/11/98
NICKEL	ICP, SW-846 METHOD 6010	416	3.2	MG/KG	F-7:208 2/12/98
POTASSIUM	SW-846 METHOD 7610	1,340	40	MG/KG	B-18:33 2/16/98
SELENIUM	SW-846 METHOD 7740	ND	0.50	MG/KG	C-12:227 2/12/98
SILVER	ICP, SW-846 METHOD 6010	ND	1.1	MG/KG	F-7:208 2/12/98
SODIUM	SW-846 METHOD 7770	145	20	MG/KG	B-18:33 2/16/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L TO A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
THALLIUM	SW-846 METHOD 7841	ND	1.0	MG/KG	C-12:226 2/9/98
VANADIUM	ICP, SW-846 METHOD 6010	22.0	5.4	MG/KG	F-7:208 2/12/98
ZINC	ICP, SW-846 METHOD 6010	81.6	2.1	MG/KG	F-7:208 2/12/98
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D-27:137 2/3/98
TCLP ACID EXTRACTABLES	SW-846 METHOD 8270	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCG/L	GCMSD:82 2/15/98
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCG/L	GCMSD:82 2/15/98
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	100	MCG/L	GCMSD:82 2/15/98
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	20	MCG/L	GCMSD:82 2/15/98
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	GCMSD:82 2/15/98
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS	COMPLETED			GCMSD:82 2/15/98
EXTRACTION FOR TCLP B/M	SW-846 METHOD 8270	COMPLETED			ACK 2/6/98
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	GCMSD:82 2/15/98
ACID DIGESTION ON TCLP EXTRACTS	SW-846 METHOD 3010	COMPLETED			D-27:146 2/11/98
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471	COMPLETED			D-27:143 2/9/98
ARSENIC, BY TCLP	SW-846 METHOD 6010	ND	0.10	MG/L	F-7:213 2/18/98
BARIUM, BY TCLP	SW-846 METHOD 6010	3.1	0.20	MG/L	F-7:208 2/12/98
CADMIUM, BY TCLP	SW-846 METHOD 6010	ND	0.005	MG/L	F-7:208 2/12/98
CHROMIUM, BY TCLP	SW-846 METHOD 6010	0.024	0.010	MG/L	F-7:208 2/12/98
LEAD, BY TCLP	SW-846 METHOD 6010	0.041	0.020	MG/L	F-7:208 2/12/98
MERCURY, BY TCLP	SW-846 METHOD 7471	ND	0.0002	MG/L	E-5:122 2/10/98
SELENIUM, BY TCLP	SW-846 METHOD 6010	ND	0.050	MG/L	F-7:208 2/12/98
SILVER, BY TCLP	SW-846 METHOD 6010	ND	0.010	MG/L	F-7:208 2/12/98

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REMARKS:

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FULL SERVICE ENVIRONMENTAL LABORATORY

PHILIPS SERVICES, CORP.
408 COMMERCE DRIVE SUITE 7
AMHERST NY 14226

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: N.I.J.R.L 10' A
Location: PERFECTION PLATING, WATERVLIET

SCILAB ALBANY, INC.

**15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700**

PROJECT #: YVTBUDY

Tank #: 980130X

Sample No: 980130X 03
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

Results	POL	Unit	Analyst	Reference

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED	COMPLETED		
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	NO	0.2	MCG/L	HJW 2/9/98
ALPHA-BHC	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
BETA-BHC	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
DELTA-BHC	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
GAMMA-BHC	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
HEPTACHLOR	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ALDRIN	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
HEPTACHLOR EPOXIDE	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ENDOSULFAN I	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
DIELDRIN	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
4,4-DDD	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ENDRIN	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ENDOSULFAN II	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
4,4-DDD	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ENDOSULFAN SULFATE	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
4,4-DDT	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
METHOXYCHLOR	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ENDRIN KETONE	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
ALPHA-CHLORDANE	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
GAMMA-CHLORDANE	EPA METHOD 8080	NO	0.2	MCG/L	GC8G:009 2/23/98
TOXAPHENE	EPA METHOD 8080	NO	4.0	MCG/L	GC3H:045 2/22/98
PCB-1016	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-1221	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-1232	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-1242	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-124A	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-1254	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
PCB-1260	EPA METHOD 8080	NO	18.2	MCG/KG	GC3H:045 2/22/98
TCLP PESTICIDES/HERBICIDES	SW-846 METHODS 8080/8150	COMPLETED			

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H,I,J,K,L 10' A

Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
EXTRACTION FOR TCLP PESTICIDE		SM-846 METHOD 8080	COMPLETED		ACK 2/7/98
CHLORDANE (TCLP)	SM-846 METHOD 8080	ND	2.0	MCG/L	GC3H:38 2/12/98
ENDRIN (TCLP)	SM-846 METHOD 8080	ND	0.2	MCG/L	GC3H:38 2/12/98
HEPTACHLOR (TCLP)	SM-846 METHOD 8080	ND	0.2	MCG/L	GC3H:38 2/12/98
HEPTACHLOR EPOXIDE (TCLP)	SM-846 METHOD 8080	ND	0.2	MCG/L	GC3H:38 2/12/98
LINDANE (TCLP)	SM-846 METHOD 8080	ND	0.2	MCG/L	GC3H:38 2/12/98
METHOXYCHLOR (TCLP)	SM-846 METHOD 8080	ND	0.2	MCG/L	GC3H:38 2/12/98
TOXAPHENE (TCLP)	SM-846 METHOD 8080	ND	4.0	MCG/L	GC3H:38 2/12/98
EXTRACTION FOR TCLP HERBICIDE		SM-846 METHOD 8150	COMPLETED		ACK 2/7/98
2,4-D (TCLP)	SM-846 METHOD 8150	ND	0.2	MCG/L	GC9A:98 2/12/98
2,4,5-TP (SILVEX) (TCLP)	SM-846 METHOD 8150	ND	0.2	MCG/L	GC9A:98 2/12/98
TCLP-ZERO HEADSPACE EXTRACTIONS		SM-846 METHOD 1311	COMPLETED		TMH 2/7/98
TCLP VOLATILES	SM-846 METHOD 8240	COMPLETED			GCMSCF:42 2/12/98
PURGE & TRAP EXTRACTION	SM-846 METHOD 5030	COMPLETED			GCMSCF:42 2/12/98
BENZENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
CARBON TETRACHLORIDE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
CHLOROBENZENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
CHLOROFORM (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
1,4-DICHLOROBENZENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
1,2-DICHLOROETHANE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
1,1-DICHLOROETHYLENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
METHYL ETHYL KETONE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
TRACHLOROETHYLENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
TRICHLOROETHENE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
VINYL CHLORIDE (TCLP)	SM-846 METHOD 8240	ND	10	MCG/L	GCMSCF:42 2/12/98
CHLOROMETHANE	SM-846 METHOD 8240	ND	11	MCG/KG	GCMS8B:144 2/5/98
BROMOMETHANE	SM-846 METHOD 8240	ND	11	MCG/KG	GCMS8B:144 2/5/98
VINYL CHLORIDE	SM-846 METHOD 8240	ND	11	MCG/KG	GCMS8B:144 2/5/98
CHLOROETHANE	SM-846 METHOD 8240	ND	11	MCG/KG	GCMS8B:144 2/5/98
METHYLENE CHLORIDE	SM-846 METHOD 8240	10	5	MCG/KG	GCMS8B:144 2/5/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 03

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 10' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
ACETONE	SW-846 METHOD 8240	33	11	MCQ/KG	GCMSEB:144 2/5/91
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,2-DICHLOROETHANE	SW-846 METHOD 8240	(J) 3	11	MCQ/KG	GCMSEB:144 2/5/91
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
BENZENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
BROMOFORM	SW-846 METHOD 8240	ND	11	MCQ/KG	GCMSEB:144 2/5/91
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	11	MCQ/KG	GCMSEB:144 2/5/91
2-HEXANONE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
TOLUENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
STYRENE	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
O-XYLENES	SW-846 METHOD 8240	ND	5	MCQ/KG	GCMSEB:144 2/5/91
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSEB:144 2/5/91

(CONTINUES ON NEXT PAGE)

REMARKS: (J) Estimated value. Result is below sample quantitation level, but above the instrument detection limit.

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PHILIP SERVICES

03/05/98 13:05 FAX 518 786 7700



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMENCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 10' A
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST VOLATILESTCL VOLATILES 91-1

COMPOSITE OF SAMPLES CTM
COMPOSITE OF SAMPLES CTM
REACTIVE CYANIDE DISTILLATION SW-846 METHOD 7.3.3.2
CYANIDE, REACTIVE SW-846 METHOD 7.3.3.2
SULFIDE, REACTIVE SW-846 METHOD 7.3.4.2
CORROSIVITY EPA EVAL SOLID WASTE, 1980.40 CFR 261.22
PH FOR SOLIDS MEASURED IN H₂O SW-846 9043A
CYANIDE DISTILLATION STD. METHODS 18TH ED. 4500-CN C
CYANIDE, TOTAL W/DISTILLATION EPA 335.2 ; 335.3

Results	POL	Unit	Analyst Referen
COMPLETED			GCMSB:144 2/5/9
COMPLETED			GCMSB:144 2/5/9
COMPLETED			JR 2/5/98
(2) COMPLETED			PL 2/5/98
(2) ND	0.5	MG/KG	PL 2/6/98
ND	6	MG/KG	PL 2/5/98
NONCORROS			PL 2/9/98
9.1		SUB220C	PL 2/9/98
COMPLETED			PL 2/5/98
ND	0.5	MG/KG	PL 2/6/98

REMARKS: (2) The concentration of total cyanide for this sample is less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis is not necessary.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Trans # 980130X

Sample No: 980130X 04
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

PHILIPS SERVICES, COMP.
695 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

ATTENTION: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By : PRITCHARD
Sample Ids: N,I,J,K,L 6" S
Location : PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

X SOLIDS	CLP SOW 4/89	85.1	%	PL 2/5/98
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED		JK 2/9/98
EXTRACTION FOR TCL - ACIDS	SW-846 METHOD 3500	COMPLETED		JK 2/9/98
EXTRACTION FOR TCL S/N	SW-846 METHOD 3500	COMPLETED		JK 2/9/98
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
ISOPHORONE	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
4-CHLORDANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
HEXACHLOROBTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	GCMSB:21 2/19/98
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
HEXACHLOROFLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,900	GCMSB:21 2/19/98
2-CHLOROPHTHALIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	GCMSB:21 2/19/98

CONTINUED ON NEXT PAGE

REFERENCES:

NEW YORK - BOSTON - ALBANY - RICHMOND - LYON, FRANCE

303



FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 6" B
Location: PERFECTION PLATING, WATERVLIET

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 04
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

Results	PQL	Unit	Analysis Refers

(CONTINUED FROM PREVIOUS PAGE)

BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	1,100	980	MG/KG	GCMSB:21 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	MG/KG	GCMSB:21 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	MG/KG	GCMSB:21 2/19/98
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	MG/KG	GCMSB:21 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	MG/KG	GCMSB:21 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	980	MG/KG	GCMSB:21 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	980	MG/KG	GCMSB:21 2/19/98
ACID DIGESTION - FLASK/ICP	SW-846 METHOD 3050	COMPLETED			D-27:47 2/12/98
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D-27:46 2/11/98
ALUMINUM	ICP, SW-846 METHOD 6010	10,100	5.6	MG/KG	F-7:208 2/12/98
ANTIMONY	ICP, SW-846 METHOD 6010	10.3	6.8	MG/KG	F-7:214 2/18/98
ARSENIC	ICP, SW-846 METHOD 6010	13.1	1.1	MG/KG	F-7:214 2/18/98
BARIUM	ICP, SW-846 METHOD 6010	146	5.6	MG/KG	F-7:208 2/12/98
BERYLLIUM	ICP, SW-846 METHOD 6010	ND	0.56	MG/KG	F-7:208 2/12/98
CADMIUM	ICP, SW-846 METHOD 6010	ND	8.3	MG/KG	F-7:208 2/12/98
CALCIUM	ICP, SW-846 METHOD 6010	9,300	56.5	MG/KG	F-7:208 2/12/98
CHROMIUM	ICP, SW-846 METHOD 6010	29.4	1.1	MG/KG	F-7:208 2/12/98
COBALT	ICP, SW-846 METHOD 6010	12.5	5.6	MG/KG	F-7:214 2/18/98
COPPER	ICP, SW-846 METHOD 6010	106	2.2	MG/KG	F-7:208 2/12/98
IRON	ICP, SW-846 METHOD 6010	47,000	56.5	MG/KG	F-7:214 2/18/98
LEAD	ICP, SW-846 METHOD 6010	319	1.1	MG/KG	F-7:208 2/12/98
MAGNESIUM	ICP, SW-846 METHOD 6010	3,851	56.5	MG/KG	F-7:208 2/12/98
MANGANESE	ICP, SW-846 METHOD 6010	807	1.1	MG/KG	F-7:208 2/12/98
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-27:44 2/10/98
MERCURY	SW-846 METHOD 7471	3.4	0.2	MG/KG	E-5:124 2/11/98
NICKEL	ICP, SW-846 METHOD 6010	44.5	3.4	MG/KG	F-7:208 2/12/98
POTASSIUM	SW-846 METHOD 7610	1,380	40	MG/KG	B-18:35 2/16/98
SELENIUM	SW-846 METHOD 7740	ND	0.54	MG/KG	C-12:227 2/12/98
SILVER	ICP, SW-846 METHOD 6010	ND	1.1	MG/KG	F-7:208 2/12/98
SODIUM	SW-846 METHOD 7770	128	20	MG/KG	B-18:35 2/12/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 08:00
Sampled By: PRITCHARD
Sample Id: M, I, J, K, L 6" S
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

PAGE 28
SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 04
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

THALLIUM	SW-846 METHOD 7841
VANADIUM	ICP, SW-846 METHOD 6010
ZINC	ICP, SW-846 METHOD 6010
TCLP EXTRACTION	SW-846 METHOD 1311
TCLP ACID EXTRACTABLES	SW-846 METHOD 8270
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS
EXTRACTION FOR TCLP B/W	SW-846 METHOD 8270
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROCYCLODIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
ACID DIGESTION ON TCLP EXTRACTS	SW-846 METHOD 3010
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471
ARSENIC, BY TCLP	SW-846 METHOD 6010
BARIUM, BY TCLP	SW-846 METHOD 6010
CADMIUM, BY TCLP	SW-846 METHOD 6010
CHROMIUM, BY TCLP	SW-846 METHOD 6010
LEAD, BY TCLP	SW-846 METHOD 6010
MERCURY, BY TCLP	SW-846 METHOD 7471
SELENIUM, BY TCLP	SW-846 METHOD 6010
SILVER, BY TCLP	SW-846 METHOD 6010

Results	POL	Unit	Analyst Reference
ND	1.1	MG/KG	C-12:226 2/9/98
24.1	5.6	MG/KG	F-7:208 2/12/98
343	2.2	MG/KG	F-7:208 2/12/98
COMPLETED			D-27:37 2/3/98
COMPLETED			GCMSD:82 2/15/98
COMPLETED			ACK 2/6/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	100	MG/L	GCMSD:82 2/15/98
ND	100	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	40	MG/L	GCMSD:82 2/15/98
COMPLETED			GCMSD:82 2/15/98
COMPLETED			ACK 2/6/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
ND	20	MG/L	GCMSD:82 2/15/98
COMPLETED			D-27:46 2/11/98
COMPLETED			D-27:43 2/9/98
ND	0.050	MG/L	F-7:213 2/18/98
1.5	0.20	MG/L	F-7:208 2/12/98
ND	0.005	MG/L	F-7:208 2/12/98
0.010	0.010	MG/L	F-7:208 2/12/98
0.11	0.020	MG/L	F-7:208 2/12/98
ND	0.0002	MG/L	E-5:122 2/10/98
ND	0.050	MG/L	F-7:208 2/12/98
ND	0.010	MG/L	F-7:208 2/12/98

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REMARKS:

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 08:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 6" B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

PAGE 29
SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X G4
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED	Results	POL	Unit	Analyst Refers
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	COMPLETED				NJW 2/9/98
ALPHA-BHC	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
BETA-BHC	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
DELTA-BHC	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
GAMMA-BHC	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
HEPTACHLOR	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ALDRIN	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
HEPTACHLOR EPOXIDE	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ENDOSULFAN I	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
DIELDRIN	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
4,4-DDD	EPA METHOD 8080	9.8		2.0	MCG/L	GC8G:009 2/24/98
ENDRIN	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ENDOSULFAN II	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
4,4-DDD	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ENDOSULFAN SULFATE	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
4,4-DDT	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
METHOXYCHLOR	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ENDRIN KETONE	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
ALPHA-CHLORDANE	EPA METHOD 8080	ND		2.0	MCG/L	GC8G:009 2/24/98
GAMMA-CHLORDANE	EPA METHOD 8080	ND		4.0	MCG/L	GC3H:045 2/22/98
TOXAPHENE	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1016	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1221	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1232	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1242	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1248	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1254	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
PCB-1260	EPA METHOD 8080	ND		196.4	MCG/KG	GC3H:045 2/22/98
TCLP PESTICIDES/HERBICIDES	SW-846 METHODS 8080/8150	COMPLETED				

(CONTINUES ON NEXT PAGE)

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILLIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 48041
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L 6" B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

EXTRACTION FOR TCLP PESTICIDE SW-846 METHOD 8080
CHLORDANE (TCLP) SW-846 METHOD 8080
ENDRIN (TCLP) SW-846 METHOD 8080
HEPTACHLOR (TCLP) SW-846 METHOD 8080
HEPTACHLOR EPOXIDE (TCLP) SW-846 METHOD 8080
LINDANE (TCLP) SW-846 METHOD 8080
METHOXYCHLOR (TCLP) SW-846 METHOD 8080
TOXAPHENE (TCLP) SW-846 METHOD 8080
EXTRACTION FOR TCLP HERBICIDE SW-846 METHOD 8150
2,4-D (TCLP) SW-846 METHOD 8150
2,4,5-TP (SILVEX) (TCLP) SW-846 METHOD 8150
TCLP-ZERO HEADSPACE EXTRACTIONS SW-846 METHOD 1311
TCLP VOLATILES SW-846 METHOD 8240
PURGE & TRAP EXTRACTION SW-846 METHOD 3030
BENZENE (TCLP) SW-846 METHOD 8240
CARBON TETRACHLORIDE (TCLP) SW-846 METHOD 8240
CHLOROBENZENE (TCLP) SW-846 METHOD 8240
CHLOROFORM (TCLP) SW-846 METHOD 8240
1,4-DICHLOROBENZENE (TCLP) SW-846 METHOD 8240
1,2-DICHLOROETHANE (TCLP) SW-846 METHOD 8240
1,1-DICHLOROETHYLENE (TCLP) SW-846 METHOD 8240
METHYL ETHYL KETONE (TCLP) SW-846 METHOD 8240
TETRACHLOROETHYLENE (TCLP) SW-846 METHOD 8240
TRICHLOROETHENE (TCLP) SW-846 METHOD 8240
VINYL CHLORIDE (TCLP) SW-846 METHOD 8240
CHLOROMETHANE SW-846 METHOD 8240
BROMOMETHANE SW-846 METHOD 8240
VINYL CHLORIDE SW-846 METHOD 8240
CHLOROETHANE SW-846 METHOD 8240
METHYLENE CHLORIDE SW-846 METHOD 8240

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SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: YY1000V

Task #: 980130X

Sample No: 980130X 04
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Results	PQL	Unit	Analyst Reference
COMPLETED			ACK 2/7/98
ND	2.0	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	0.2	MCG/L	GC3H:38 2/12/98
ND	4.0	MCG/L	GC3H:38 2/12/98
COMPLETED			ACK 2/7/98
ND	0.2	MCG/L	GC9A:58 2/12/98
ND	0.2	MCG/L	GC9A:58 2/12/98
COMPLETED			TWH 2/7/98
COMPLETED			GCMSCF:42 2/12/98
COMPLETED			GCMSCF:42 2/12/98
ND	10	MCG/L	GCMSCF:42 2/12/98
ND	10	MCG/L	GCMSCF:42 2/12/98
ND	10	MCG/L	GCMSCF:42 2/12/98
ND	10	MCG/L	GCMSCF:42 2/12/98
ND	10	MCG/L	GCMSCF:42 2/12/98
ND	10	MCG/LGCMs	CF:42 2/12/98
ND	10	MCG/LGCMs	CF:42 2/12/98
ND	10	MCG/LGCMs	CF:42 2/12/98
ND	10	MCG/LGCMs	CF:42 2/12/98
ND	10	MCG/LGCMs	CF:42 2/12/98
ND	12	MCG/KG	GCMSB:144 2/5/98
ND	12	MCG/KG	GCMSB:144 2/5/98
ND	12	MCG/KG	GCMSB:144 2/5/98
ND	12	MCG/KG	GCMSB:144 2/5/98
(J) 4	6	MCG/KG	GCMSB:144 2/5/98

(CONTINUES ON NEXT PAGE)

REMARKS: (J) Estimated value. Result is below sample quantitation level, but above the instrument detection limit.

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 6" B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918DB9

Task #: 980130X

Sample No: 980130X 04
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

		Results	POL	Unit	Analysis Referen
ACETONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/9
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/9
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/9
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/9
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/9
PURGE & TRAP EXTRACTION	SW-846 METHOD 5070	COMPLETED			GCMSB:144 2/5/9

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REMARKS:

NEW YORK • BOSTON • ALBANY • RICHMOND • LYON, FRANCE

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
ANNHEIST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: M, I, J, K, L 3.5' B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,800	MCG/KG	GCMSB:21 2/19/98
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,800	MCG/KG	GCMSB:21 2/19/98
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,800	MCG/KG	GCMSB:21 2/19/98
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,800	MCG/KG	GCMSB:21 2/19/98
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,800	MCG/KG	GCMSB:21 2/19/98
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,800	MCG/KG	GCMSB:21 2/19/98
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,800	MCG/KG	GCMSB:21 2/19/98
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	1,200	960	MCG/KG	GCMSB:21 2/19/98
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
DI-N-BUTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MCG/KG	GCMSB:21 2/19/98
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,900	MCG/KG	GCMSB:21 2/19/98

(CONTINUES ON NEXT PAGE)

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FULL SERVICE ENVIRONMENTAL LABORATORIES

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SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST

NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H.I.J.K.L 3.5' B

Location: PERFECTION PLATING, WATERVLIET

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 05

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL

Parameters and Standard Methodology Used

Results	POL	Unit	Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
BENZO-(G,H,I)-PERYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	960	MG/KG	GCMSB:21 2/19/98
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	960	MG/KG	GCMSB:21 2/19/98
ACID DIGESTION - FLAKE/ICP	SW-846 METHOD 3050	COMPLETED			D-27:47 2/12/98
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D-27:46 2/11/98
ALUMINUM	ICP, SW-846 METHOD 6010	9,870	6.0	MG/KG	F-7:208 2/12/98
ANTIMONY	ICP, SW-846 METHOD 6010	ND	7.2	MG/KG	F-7:214 2/18/98
ARSENIC	ICP, SW-846 METHOD 6010	7.3	1.2	MG/KG	F-7:214 2/18/98
BARIUM	ICP, SW-846 METHOD 6010	186	0.0	MG/KG	F-7:208 2/12/98
BERYLLIUM	ICP, SW-846 METHOD 6010	ND	0.60	MG/KG	F-7:208 2/12/98
CADMIUM	ICP, SW-846 METHOD 6010	ND	5.6	MG/KG	F-7:208 2/12/98
CALCIUM	ICP, SW-846 METHOD 6010	12,000	60.0	MG/KG	F-7:208 2/12/98
CHROMIUM	ICP, SW-846 METHOD 6010	19.9	1.2	MG/KG	F-7:208 2/12/98
COBALT	ICP, SW-846 METHOD 6010	18.3	6.0	MG/KG	F-7:214 2/18/98
COPPER	ICP, SW-846 METHOD 6010	96.5	2.4	MG/KG	F-7:208 2/12/98
IRON	ICP, SW-846 METHOD 6010	25,900	60.0	MG/KG	F-7:214 2/18/98
LEAD	ICP, SW-846 METHOD 6010	409	1.2	MG/KG	F-7:208 2/12/98
MAGNESIUM	ICP, SW-846 METHOD 6010	5,720	60.0	MG/KG	F-7:208 2/12/98
MANGANESE	ICP, SW-846 METHOD 6010	1,100	1.2	MG/KG	F-7:208 2/12/98
MERCURY PREPARATION - SOLID	SW-846 METHOD 7671	COMPLETED			D-27:44 2/10/98
MERCURY	SW-846 METHOD 7671	0.1	0.1	MG/KG	E-5:124 2/11/98
NICKEL	ICP, SW-846 METHOD 6010	58.5	3.6	MG/KG	F-7:208 2/12/98
POTASSIUM	SW-846 METHOD 7610	1,100	20	MG/KG	S-13:33 2/16/98
SELENIUM	SW-846 METHOD 7740	ND	0.58	MG/KG	C-12:227 2/12/98
SILVER	ICP, SW-846 METHOD 6010	ND	1.2	MG/KG	F-7:208 2/12/98
SODIUM	SW-846 METHOD 7770	158	20	MG/KG	S-13:33 2/16/98

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

THALLIUM	SW-846 METHOD 7841
VANADIUM	ICP, SW-846 METHOD 6010
ZINC	ICP, SW-846 METHOD 6010
TCLP EXTRACTION	SW-846 METHOD 1311
TCLP ACID EXTRACTABLES	SW-846 METHOD 8270
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION
TCLP BASE/NEUTRALS	SW-846 METHOD 8270 BASE/NEUTRALS
EXTRACTION FOR TCLP B/W	SW-846 METHOD 8270
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROCYCLODIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS
ACID DIGESTION ON TCLP EXTRACTS	SW-846 METHOD 3010
MERCURY PREPARATION - TCLP	SW-846 METHOD 7471
ARSENIC, BY TCLP	SW-846 METHOD 6010
BARIUM, BY TCLP	SW-846 METHOD 6010
CADMIUM, BY TCLP	SW-846 METHOD 6010
CHROMIUM, BY TCLP	SW-846 METHOD 6010
LEAD, BY TCLP	SW-846 METHOD 6010
MERCURY, BY TCLP	SW-846 METHOD 7471
SELENIUM, BY TCLP	SW-846 METHOD 6010
SILVER, BY TCLP	SW-846 METHOD 6010

(CONTINUES ON NEXT PAGE)

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SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 05
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Results	PQL	Unit	Analyst Reference
NO	1.2	MG/KG	C-121226 2/9/98
18.6	6.0	MG/KG	F-7:208 2/12/98
84.8	2.4	MG/KG	F-7:208 2/12/98
COMPLETED			D-27:37 2/5/98
COMPLETED			GCMSD:82 2/15/98
COMPLETED			ACK 2/6/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	100	MCG/L	GCMSD:82 2/15/98
NO	100	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	40	MCG/L	GCMSD:82 2/15/98
COMPLETED			GCMSD:82 2/15/98
COMPLETED			ACK 2/6/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
NO	20	MCG/L	GCMSD:82 2/15/98
COMPLETED			D-27:46 2/11/98
COMPLETED			U-27:45 2/9/98
NO	0.150	MG/L	F-7:213 2/18/98
2.1	0.20	MG/L	F-7:208 2/12/98
NO	0.005	MG/L	F-7:208 2/12/98
0.012	0.010	MG/L	F-7:208 2/12/98
0.19	0.020	MG/L	F-7:208 2/12/98
NO	0.0006	MG/L	E-5:122 2/10/98
NO	0.050	MG/L	F-7:208 2/12/98
NO	0.010	MG/L	F-7:208 2/12/98

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68041
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids: H,I,J,K,L 3,5' B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

PAGE 37
SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 05
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Results	PQL	Unit	Analyte Reference

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED				NJW 2/9/98
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	COMPLETED				
ALPHA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
BETA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
DELTA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
GAMMA-BHC	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
HEPTACHLOR	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ALDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
HEPTACHLOR EPOXIDE	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ENDOSULFAN I	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
DIELDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
4,4-DDD	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ENDRIN	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ENDOSULFAN II	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
4,4-DDD	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ENDOSULFAN SULFATE	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
4,4-DDT	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
METHOXYCHLOR	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ENDRIN KETONE	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
ALPHA-CHLORDANE	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
GAMMA-CHLORDANE	EPA METHOD 8080	ND	2.0	MCG/L	GC88:009	2/24/98
TOXAPHENE	EPA METHOD 8080	ND	4.0	MCG/L	GC3H:045	2/22/98
PCB-1016	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1221	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1232	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1242	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1248	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1254	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
PCB-1260	EPA METHOD 8080	ND	189.3	MCG/KG	GC3H:045	2/22/98
TCLP PESTICIDES/HERBICIDES	SW-846 METHODS 8080/8150	COMPLETED				

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

ATTENTION: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By : PRITCHARD
Sample Id: H,I,J,K,L 3.5" B
Location : PERFECTION PLATING. WATERVLIET

Parameters and Standard Methodology Used

PAGE 38
SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130x

Sample No: 980130X 05
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

EXTRACTION FOR TCLP PESTICIDE	SW-846 METHOD 8080	COMPLETED		ACK 2/7/98
CHLORDANE (TCLP)	SW-846 METHOD 8080	NO	2.0	MCG/L GC3H:38 2/12/98
ENDRIN (TCLP)	SW-846 METHOD 8080	NO	0.2	MCG/L GC3H:38 2/12/98
HEPTACHLOR (TCLP)	SW-846 METHOD 8080	NO	0.2	MCG/L GC3H:38 2/12/98
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080	NO	0.2	MCG/L GC3H:38 2/12/98
LINDANE (TCLP)	SW-846 METHOD 8080	NO	0.2	MCG/L GC3H:38 2/12/98
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080	NO	0.2	MCG/L GC3H:38 2/12/98
TORAPHENE (TCLP)	SW-846 METHOD 8080	NO	4.0	MCG/L GC3H:38 2/12/98
EXTRACTION FOR TCLP HERBICIDE	SW-846 METHOD 8150	COMPLETED		ACK 2/7/98
2,4-D (TCLP)	SW-846 METHOD 8150	NO	0.2	MCG/L GC9A:58 2/12/98
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150	NO	0.2	MCG/L GC9A:58 2/12/98
TCLP-ZERO HEADSPACE EXTRACTION	SW-846 METHOD 1311	COMPLETED		TMH 2/7/98
TCLP VOLATILES	SW-846 METHOD 8240	COMPLETED		GCMSCF:42 2/12/98
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED		GCMSCF:42 2/12/98
BENZENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
CHLOROFORM (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
TRICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	NO	10	MCG/KG GCMSCF:42 2/12/98
CHLOROMETHANE	SW-846 METHOD 8240	NO	12	MCG/KG GCMSCF:42 2/12/98
BROMOMETHANE	SW-846 METHOD 8240	NO	12	MCG/KG GCMSCF:42 2/12/98
VINYL CHLORIDE	SW-846 METHOD 8240	NO	12	MCG/KG GCMSCF:42 2/12/98
CHLOROMETHANE	SW-846 METHOD 8240	NO	12	MCG/KG GCMSCF:42 2/12/98
METHYLENE CHLORIDE	SW-846 METHOD 8240	NO	12	MCG/KG GCMSCF:42 2/12/98

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PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 3.5' B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Reference
ACETONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/98
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/98
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/98
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSB:144 2/5/98
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
XYLENES (TOTAL)	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSB:144 2/5/98
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSB:144 2/5/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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PHILIP SERVICES ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Ids H,I,J,K,L 3.5' B
Location: PERFECTION PLATING, WATERVLIET

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

TARGET COMPOUND LIST VOLATILESTCL VOLATILES 91-1

Parameters and Standard Methodology Used	Results	POL	Unit	Analyte Reference
COMPOSITE OF SAMPLES CTM	COMPLETED			QCMSEB:144 2/3/98
COMPOSITE OF SAMPLES CTM	COMPLETED			QCMSEB:144 2/3/98
REACTIVE CYANIDE DISTILLATION SW-846 METHOD 7.3.3.2	COMPLETED			JR 2/5/98
CYANIDE, REACTIVE SW-846 METHOD 7.3.3.2	(2) COMPLETED			PL 2/5/98
SULFIDE, REACTIVE SW-846 METHOD 7.3.4.2	(2) ND	0.6	MG/KG	PL 2/6/98
CORROSIVITY EPA, EVAL. SOLID WASTE, 1980.40 CFR 261.22	ND	0	MG/KG	PL 2/3/98
PH FOR SOLIDS MEASURED IN H2O SW-846 9045A	NON CORROS			PL 2/9/98
CYANIDE DISTILLATION STD. METHODS 18TH ED. 4500-CN C	9.3			PL 2/7/98
CYANIDE, TOTAL W/DISTILLATION EPA 846.0 ; 846.3	COMPLETED			PL 2/3/98
	ND	0.0	MG/KG	PL 2/3/98

REMARKS: (2) The concentration of total cyanide for this sample is less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis is not necessary.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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FULL SERVICE ENVIRONMENTAL LABORATORIES

PHILIPS SERVICES, CORP.
495 COMMERCE DRIVE SUITE 7
AMHERST NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061
Date Sampled: 01/30/98 Time: 00:00
Sampled By: PRITCHARD
Sample Id: H,I,J,K,L 10' B
Location: PERFECTION PLATING, WATERVLIET

PAGE 41
SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 06
Date Received: 01/30/98
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	POI	Unit	Analyst Reference
% SOLIDS	CLP SDN 4/89	88.2		%	PL 2/3/98
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL - ACIDS	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
EXTRACTION FOR TCL B/N	SW-846 METHOD 3500	COMPLETED			JK 2/9/98
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
4-CHLORO-3-NITHTHYPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	190	MCG/KG	GCMSB:21 2/19/98
2-CHLORONAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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FULL SERVICE ENVIRONMENTAL LABORATORIES

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SCILAB ALBANY, INC.

13 Century Hill Drive

P.O. Box 787

Latham, NY 12110

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Fax: (518) 786-7700

PHILIPS SERVICES, CORP.

495 COMMERCE DRIVE SUITE 7

AMHERST

NY 14228

Attention: MR. DAN MORRISON

Purchase Order Number: 68061

Date Sampled: 01/30/98 Time: 00:00

Sampled By: PRITCHARD

Sample Id: H,I,J,K,L 10' B

Location: PERFECTION PLATING, WATERVLIET

PROJECT #: 9918089

Task #: 980130X

Sample No: 980130X 06

Date Received: 01/30/98

Collection Method: COMPOSITE

Matrix: SOIL

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	930	MCG/KG	GCMSB:21 2/19/98
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	930	MCG/KG	GCMSB:21 2/19/98
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	930	MCG/KG	GCMSB:21 2/19/98
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	930	MCG/KG	GCMSB:21 2/19/98
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	930	MCG/KG	GCMSB:21 2/19/98
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	930	MCG/KG	GCMSB:21 2/19/98
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	930	MCG/KG	GCMSB:21 2/19/98
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
DI-N-BUTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	190	MCG/KG	GCMSB:21 2/19/98
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	370	MCG/KG	GCMSB:21 2/19/98

(CONTINUES ON NEXT PAGE)

REMARKS:

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Aqueous

TABLE VO-1.1
7098-1630A
MALCOLM PIRNIE
MISCELLANEOUS VOLATILE ORGANICS

All values are ug/L.

Client Sample I.D.	Method Blank	WVA-SA-ST-1	WVA-SA-ST-2	Quant. Limits with no Dilution
Lab Sample I.D.	VELKEN	981630A-01	981630A-02	
Method Blank I.D.	VELKEN	VELKEN	VELKEN	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	10
Bromomethane	U	U	9J	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	5.0
Methylene Chloride	U	U	U	10
Acetone	U	U	U	5.0
Carbon Disulfide	U	U	U	10
Vinyl Acetate	U	U	U	5.0
1,1-Dichloroethene	U	U	15	5.0
1,1-Dichloroethane	U	U	U	5.0
1,2-Dichloroethene (total)	U	U	U	5.0
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	5.0
2-Butanone	U	U	U	5.0
1,1,1-Trichloroethane	U	U	U	5.0
Carbon Tetrachloride	U	U	U	5.0
Bromodichloromethane	U	U	U	5.0
1,2-Dichloropropane	U	U	2J	5.0
cis-1,3-Dichloropropene	U	U	U	5.0
Trichloroethene	U	U	U	5.0
Dibromochloromethane	U	U	U	0.70
1,1,2-Trichloroethane	U	U	U	5.0
Benzene	U	U	U	5.0
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	.6J	5.0
2-Hexanone	U	U	U	5.0
Tetrachloroethane	U	U	U	5.0
Toluene	U	U	U	5.0
1,1,2,2-Tetrachloroethane	U	U	U	5.0
Chlorobenzene	U	U	U	5.0
Ethylbenzene	U	U	U	5.0
Styrene	U	U	U	5.0
Xylene (total)	U	U	U	5.0
Date Received	N/A	07/22/98	07/22/98	
Date Extracted	07/25/98	N/A	N/A	
Date Analyzed		07/25/98	07/25/98	

See Appendix for qualifier definitions
 Note: Compound detection limit = quantitation limit x quantitation factor
 Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.2
7098-1630A
MALCOLM FIRNIE
MISCELLANEOUS VOLATILE ORGANICS

Aqueous

All values are ug/L.

Client Sample I.D.	TP-072198			Quant. Limits with no Dilution
Lab Sample I.D.	981630A-03			
Method Blank I.D.	VBLKEN			
Quant. Factor	25.0			
Chloromethane	U			10
Bromomethane	21J			10
Vinyl Chloride	1900			10
Chloroethane	U			5.0
Methylene Chloride	35J			10
Acetone	U			5.0
Carbon Disulfide	U			10
Vinyl Acetate	U			5.0
1,1-Dichloroethene	U			5.0
1,1-Dichloroethane	U			5.0
1,2-Dichloroethene (total)	3100			5.0
Chloroform	79J			5.0
1,2-Dichloroethane	U			10
2-Butanone	U			5.0
1,1,1-Trichloroethane	U			5.0
Carbon Tetrachloride	U			5.0
Bromodichloromethane	U			5.0
1,2-Dichloropropane	U			5.0
cis-1,3-Dichloropropene	72J			5.0
Trichloroethene	310			5.0
Dibromochloromethane	U			5.0
1,1,2-Trichloroethane	U			0.70
Benzene	U			5.0
trans-1,3-Dichloropropene	U			10
Bromoform	U			10
4-Methyl-2-Pentanone	U			5.0
2-Hexanone	U			5.0
Tetrachloroethene	280			5.0
Toluene	6J			5.0
1,1,2,2-Tetrachloroethane	U			5.0
Chlorobenzene	32J			5.0
Ethylbenzene	12J			5.0
Styrene	74J			5.0
Xylene (total)	92J			
Date Received	07/22/98			
Date Extracted	N/A			
Date Analyzed	07/25/98			

See Appendix for qualifier definitions
 Note: Compound detection limit = quantitation limit x quantitation factor
 Quant. Factor = a numerical value which takes into account any
 variation in sample weight/volume, % moisture and
 sample dilution.

Aqueous

TABLE VO-1.0
7098-1630A
MALCOLM PIRNIE
MISCELLANEOUS VOLATILE ORGANICS

All values are ug/L.

Client Sample I.D.	Method Blank	TB-01	TB-02	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKEM	981630A-04	981630A-05	
Method Blank I.D.	VBLKEM	VBLKEM	VBLKEM	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	5.0
Methylene Chloride	.8J	U	U	10
Acetone	U	U	U	5.0
Carbon Disulfide	U	U	U	10
Vinyl Acetate	U	U	U	5.0
1,1-Dichloroethane	U	U	U	5.0
1,1-Dichloroethane	U	U	U	5.0
1,2-Dichloroethane (total)	U	U	U	5.0
Chloroform	U	U	U	5.0
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	5.0
1,1,1-Trichloroethane	U	U	U	5.0
Carbon Tetrachloride	U	U	U	5.0
Bromodichloromethane	U	U	U	5.0
1,2-Dichloropropane	U	U	U	5.0
cis-1,3-Dichloropropene	U	U	U	5.0
Trichloroethene	U	U	U	5.0
Dibromochloromethane	U	U	U	5.0
1,1,2-Trichloroethane	U	U	U	0.70
Benzene	U	U	U	5.0
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	5.0
2-Hexanone	U	U	U	5.0
Tetrachloroethane	U	1J	1J	5.0
Toluene	U	U	U	5.0
1,1,2,2-Tetrachloroethane	U	U	U	5.0
Chlorobenzene	U	U	U	5.0
Ethylbenzene	U	U	U	5.0
Styrene	U	.4J	U	5.0
Xylene (total)	U			
Date Received	N/A	07/22/98	07/22/98	
Date Extracted	07/24/98	N/A	N/A	
Date Analyzed		07/25/98	07/25/98	

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE GC-1.0
7098-1630A
MALCOLM PIRNIE
DIESEL RANGE ORGANICS

Aqueous

All values are ug/L.

Client Sample I.D.	Method Blank	PBLK13 QC	WVA-SA-ST-1	Quant. Limits with no Dilution
Lab Sample I.D.	072798-B04	072798-B04QC	981630A-01	
Method Blank I.D.	PBLK13	PBLK13	PBLK13	
Quant. Factor	1.00	1.00	1.11	
Diesel Range Organics	BQL	540X	BQL	500
Date Received			07/22/98	
Date Extracted	07/27/98	07/27/98	07/27/98	
Date Analyzed	07/29/98	07/29/98	07/29/98	

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor
 Quant. Factor = a numerical value which takes into account any
 variation in sample weight/volume, % moisture and
 sample dilution.

TABLE GC-1.1
7098-1630A
MALCOLM PIRNIE
DIESEL RANGE ORGANICS

Aqueous

All values are ug/L.

Client Sample I.D.	WVA-SA-ST-2	TF-072198		
Lab Sample I.D.	981630A-02	981630A-03		Quant. Limits with no Dilution
Method Blank I.D.	PBLK13	PBLK13		
Quant. Factor	1.05	1.00		
Diesel Range Organics	BQL	1100		500
Date Received	07/22/98	07/22/98		
Date Extracted	07/27/98	07/27/98		
Date Analyzed	07/29/98	07/29/98		

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any
variation in sample weight/volume, % moisture and
sample dilution.

07/31/98

15:48

203 459 9898

IEA CONNECTICUT

002

07/31/98 14:07 FAX 9734280858

002

SEVERN TRENT LABORATORIES (STL-NJ)
Petroleum Hydrocarbon Analysis
Method 8015M

AEN Project No: 20980-83381Date Sampled: NAAEN Sample No: MB072898ADate Received: NAClient Sample No: METHOD BLANKDate Extracted: NA

=====

Purge and Trap (SW846 - 5030) / GC-FID analysis (for gasoline only)

Date Analyzed: 07/28/98

Results:

The sample does not contain petroleum hydrocarbons in the distillation range of Gasoline. The quantitation limit is 0.25 mg/L.

Comments:

07/31/98 14:07 FAX 9734280858

SEVERN TRENT LABORATORIES (STL-NJ)
Petroleum Hydrocarbon Analysis
Method 8015M

AEN Project No: 20980-83381Date Sampled: 07/21/98AEN Sample No: 83381001Date Received: 07/25/98Client Sample No: WVA-SA-ST1Date Extracted: NA

=====

Purge and Trap (SW846 - 5030) / GC-FID analysis (for gasoline only)

Date Analyzed: 07/28/98

Results:

The sample does not contain petroleum hydrocarbons in the distillation range of Gasoline. The quantitation limit is 0.25 mg/L.

Comments:

07/31/98 14:07 FAX 9734280958

SEVERN TRENT LABORATORIES (STL-NJ)
Petroleum Hydrocarbon Analysis
Method 8015M

AEN Project No: 20980-83381 Date Sampled: 07/21/98
AEN Sample No: 83381002 Date Received: 07/25/98
Client Sample No: WVA-SA-ST2 Date Extracted: NA

=====

Purge and Trap (SW846 - 5030) / GC-FID analysis (for gasoline only)

Date Analyzed: 07/28/98

Results:

The sample does contain petroleum hydrocarbons in the distillation range of Gasoline. The concentration is 0.36 mg/L.

Comments:

07/31/98 14:07 FAX 9734280858

SEVERN TRENT LABORATORIES (STL-NJ)
Petroleum Hydrocarbon Analysis
Method 8015M

AEN Project No: 20980-83381 Date Sampled: 07/21/98
AEN Sample No: 83381003 Date Received: 07/25/98
Client Sample No: TP-072198 Date Extracted: NA

=====

Purge and Trap (SW846 - 5030) / GC-FID analysis (for gasoline only)

Date Analyzed: 07/28/98

Results:

The sample does contain petroleum hydrocarbons in the distillation range of Gasoline. The concentration is 6.9 mg/L.

Comments: The sample was analyzed with a 5 fold dilution.