PRELIMINARY SITE INVESTIGATION REPORT
Former Raeco Products
Site #828107
City of Rochester, Monroe County

April 2001

Prepared for:
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1.0 EXECUTIVE SUMMARY

The Former Raeco Products (Raeco) site is located at 24 Spencer Street in the City of Rochester, Monroe County. The site is situated in a heavily developed commercial/light industrial area just northwest of downtown Rochester on the side of a hill that slopes downward from Lake Avenue to the east (see Figure 1). The Genesee River, which empties into Lake Ontario to the north, is located adjacent to the east of the site.

The site was formerly owned and operated by J.H. Rae, Inc. (Raeco) as a bulk storage, blending, packaging and distribution facility for chemicals and petroleum products. It is believed that the facility began operations in the 1930s and stopped operating in 1987. In 1995, the Raeco property was purchased by P&P Properties, Inc (P&P), the current owner. Subsequent to the discovery of waste chemicals on the property in 1994, several inspections were completed by the New York State Department of Environmental Conservation (DEC), the Monroe County Health Department (MCHD), the United States Environmental Protection Agency (USEPA), and the City of Rochester. These inspections identified approximately 17 storage tanks and over 500 containers (55-gallon drums and smaller containers) in on-site buildings storing a variety of chemicals including corrosive liquids, flammable liquids, chlorinated liquids, ammonia, formaldehyde, oxidizer liquids, and peroxide liquids and solids. Some of the containers were found to be deteriorating. Staining in the storage areas indicated some drums had leaked. In 1996, USEPA confirmed that some containers held hazardous wastes and in 1997, USEPA removed 553 containers (drums and 5-gallon pails) from the site.

In 1999-2000, DEC performed a preliminary site investigation (PSI) of the Raeco facility. Samples were collected from four surface soil locations, 13 exploratory excavations, and three groundwater monitoring wells. The results of the DEC investigation indicate widespread volatile organic compound (VOC) and semivolatile organic compound (SVOC) contamination in the soils and groundwater at the site. Total concentrations of VOCs and SVOCs detected in soil samples collected at the site approached 1,800 parts per million (ppm) and 185 ppm, respectively, and in groundwater samples collected at the site approached 145 ppm and 50 ppm, respectively. A significant water-bearing groundwater zone was not encountered in the overburden at the site. The nearest bedrock groundwater was encountered at approximately 20 feet below ground surface and there is a strong vertically downward gradient in the groundwater toward the Genesee River, which is located approximately 100 feet below the ground surface of the site.

The results of the PSI indicate that the contamination at the site is the result of the disposal of consequential amounts of hazardous waste at the Raeco site. DEC has included the Former Raeco Products site in the New York State Registry of Inactive Hazardous Waste Disposal Sites as a Class 2, meaning the DEC believes the site poses a significant threat to public health and/or the environment; action is required. An Investigation to fully define the nature and extent of contamination at the site and gather data necessary to evaluate remedial alternatives is appropriate. DEC will work with the responsible party or evaluate the use of Superfund monies to perform additional investigation and remediation activities.

2.0 SITE DESCRIPTION AND HISTORY

The Former Raeco Products site is located at 24 Spencer Street within a heavily developed commercial/industrial area of the City of Rochester, Monroe County. The site occupies approximately 3.4 acres situated on the western bank of the Genesee River gorge (see Figure 1). Approximately 2 acres of the site are situated west of the gorge and improved with six buildings that are identified as Buildings A through F in this Report. The remainder of the site consists of the steeply sloped gorge and portions of the Genesee River (see Figure 2). The Genesee River is situated approximately 100 feet below the upper ground surface of the site (see photograph nos. 1 and 2).

The site was formerly owned and operated by J.H. Rae, Inc. (Raeco) as a bulk storage, blending, packaging and distribution facility for chemicals and petroleum products. It is believed that the facility began operations in the 1930s and stopped operating in 1987. Subsequent to the discovery of waste chemicals on the property in 1994, follow-up inspections were completed in 1994, 1995, and 1996 by the New York State Department of Environmental Conservation (DEC), the Monroe County Health Department (MCHD), the United States Environmental Protection Agency (USEPA), and the City of Rochester. These inspections identified approximately 17 storage tanks and over 500 containers (55-gallon drums and smaller containers) in on-site buildings storing a variety of chemicals including corrosive liquids, flammable liquids, chlorinated liquids, ammonia, formaldehyde, oxidizer liquids, and peroxide liquids and solids. Some of the containers were found to be deteriorating. Staining in the storage areas indicated some drums had leaked. Leaking drums of ammoniated copper sulfate and formaldehyde were reported in 1996.

Specific areas of concern identified at the site included the following:

- Building A contained large amounts of a variety of chemicals. An underground storage tank (UST) was located between the building and the gorge. A 300-400 square foot area of oil-soaked soil located due south of Building A was reported in 1987;
- The basement of Building B contained eight (8) empty 10,000-gallon tanks previously used for storage of mineral spirits, turpentine, and acetone;
- Building C was used as a processing and storage area;
- Building D stored packaged chemicals and oils;
- The basement of Building E contained six (6) large oil storage tanks. A large oil stain was observed along the gorge wall from the building's foundation to the riverbank (see photograph no. 2);
- Building F contained miscellaneous debris, scrap material, and drums;
- The area between Buildings B and C contained two (2) creosote holding tanks;

- A large trichloroethene (TCE) aboveground storage tank (AST) was located within a concrete block secondary containment structure adjacent to the northwest of Building C (see Figure 2);

- Deteriorated bags of lime were scattered about the area between Buildings D/E and Building F. Staining was also observed on the building walls and ground surfaces in this area adjacent to exterior piping; and

- Several drainage pipes were observed protruding into the gorge.

Dye testing in 1970 by MCHD documented three (3) discharge points to the gorge. The dye test indicated one point vented a bathroom in Building B. Another, at the south end of Building B drained a catch basin located between the south end of Building B and the railroad tracks. The third drained a catch basin located between the railroad tracks and the southern portion of Building D (railroad car unloading area). A ditch had reportedly been dug to direct oil spilled during car unloading into this catch basin. Another catch basin, located between Building D and Building E, was also connected to this drain line.

In 1995, the Raeco property was purchased by P&P Properties, Inc (P&P). An agreement was reportedly made between P&P and Raeco to remove the containers. In 1996, the drums were still observed at the site and both parties were notified that the contents of the drums were considered wastes. Both parties indicated they were unwilling to conduct the removal of these materials. Later in 1996, USEPA confirmed that some containers held hazardous wastes and in 1997, USEPA removed 553 containers (drums and 5-gallon pails) from the site. Available data indicate that aboveground and underground storage tanks may remain at the site and are believed to be empty.

In addition to the drums which were stored onsite, there have been documented releases of sulfuric acid and petroleum products at the site. No previous subsurface investigations are known to have been performed on this property. Subsurface investigations at nearby sites indicate there is a strong vertically downward gradient in the groundwater toward the Genesee River.

3.0 PURPOSE

The purpose of this Preliminary Site Investigation (PSI) was to obtain preliminary information regarding environmental contamination at the site. Specific objectives for this investigation, as stated in the document entitled "Former J.H. Rae Incorporated Preliminary Site Investigation Project Work Plan, October 1999" (work plan) were to:

- Perform a preliminary evaluation of environmental conditions at the site;
- Perform a preliminary assessment of the impact of the former Raeco operations on environmental quality at the site;
- Determine if this site should be listed in the NYS Registry of Inactive Hazardous Waste Disposal Sites; and
- Assess the appropriateness of further investigatory work.

3.1 Potential Sources of Contamination

Based on site history and visual observations, the entire site had the potential to be a source of contamination. Particular areas of concern included:

- A UST reportedly located east of Building A;
- The former TCE AST;
- The former railcar unloading area adjacent to Building D; and
- Former drum and tank storage areas in Buildings A, B, C, D and E.

Sample locations were selected to evaluate the potential for these areas to be actual sources of contamination.

3.2 The NYS Registry of Inactive Hazardous Waste Disposal Sites

The New York State Department of Environmental Conservation is charged by ECL Section 27-1305 with maintaining a list of inactive hazardous waste disposal sites in a statewide Registry and updating it on an annual basis. The Division of Environmental Remediation (DER) is responsible for listing all sites in the Registry where it believes there is confirmed disposal of a consequential amount of waste which conform with the characteristics of a hazardous waste (as defined in 6 NYCRR Part 371.3) or listed hazardous wastes (as defined in 6 NYCRR Part 371.4). The results of this site investigation were evaluated to help determine if the disposal of a consequential amount of hazardous waste has occurred at the Raeco site.

4.0 SCOPE OF WORK

The work plan specifying the scope of work for this investigation was prepared by the DEC Region 8 DER staff and reviewed by personnel from the DEC Central Office, the New York State Department of Health (NYSDOH), and MCHD. Data collection procedures identified to fulfill the objectives of the investigation were included in the work plan. The data collection activities included the following tasks:

- Surface soil sampling and analysis;
- Exploratory excavations, sampling, and analysis;
- Soil borings, monitoring well installation, sampling, and analysis; and
- Site survey and map preparation.

Prior to invasive fieldwork, an Underground Facilities Protective Organization (UFPO) stakeout was performed to document the position of underground public utilities at the site. The property owner was also consulted to locate the position of any additional underground items.

Details of the specific procedures used in performing each task are presented in the following sections.

4.1 Surface Soil/Water Sampling and Analysis

The work plan specified that up to ten (10) surface soil samples may be collected for analysis of full target compound list (TCL) organics and target analyte list (TAL) inorganics (metals) using DEC Analytical Services Protocol (ASP) methods. The full TCL/TAL analyses include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and 23 metals. A total of four (4) surface soil samples were actually collected for full TCL/TAL analyses due to budgetary constraints. One field duplicate sample was also collected and submitted "blind" to the laboratory. Although not specified in the work plan, one surface water sample was collected at the site for full TCL/TAL analyses as discussed below. The surface soil and water samples were collected during the period from November 8 to 11, 1999.

Surface soil sample locations were selected based on visual indications of contamination and are shown on Figure 2 as SS-1 through SS-4. Samples SS-1 and SS-3 were collected from surface soils in the basements of Buildings B and C, respectively (see photograph nos. 3 and 4). Samples SS-2 and SS-4 were collected from areas of visible staining on the ground surface of the site. In particular, the location of SS-2 corresponded to staining noted in the vicinity of two large storage tanks observed on the ground surface during a September 1999 site visit (see photograph no 5). These tanks were not observed at the site at the time of the fieldwork. The field duplicate sample was collected from the location of SS-3. Surface soil samples obtained at the site were collected from the first two inches of soil after surface debris or larger gravel cover material were removed. The surface soil generally consisted of gravel with silt and sand. Descriptions of each soil sample location are included in Table 1 - Soil Screening Summary.

The surface water sample, shown as SW-1 on Figure 2, was collected from pooled liquid under the southeast corner of Building B, adjacent to the location of SS-1 and near former tank cradles (see photograph no. 3). This water exhibited a bluish sheen. Due to the presence of fuel oil odors detected in the basement of this building during sample collection, surface soil at the location of SS-1 was also screened with a calibrated photoionization detector (PID) for evidence of volatile organic vapors. The soil was placed in a dedicated resealable plastic bag and the headspace between the soil and the seal of the bag was screened for the presence of volatile organic vapors using the PID. A peak PID reading of 0.7 parts per million (ppm) was recorded from this sample. The remaining surface soil samples were not screened with the PID as surface soils are not typically expected to retain volatile organic vapors.

Surface soil and water samples were placed into glass jars, labeled, and placed into a chilled cooler. The samples were delivered via FedEx to Severn Trent Laboratories, Inc. (STL), Buffalo, New York for laboratory analyses. Chain of Custody forms are provided in Appendix B.

4.2 Exploratory Excavations, Sampling, and Analysis

Exploratory excavations (test pits) were utilized for this project to provide a rapid means of evaluating the overburden materials and to aid in the identification of areas of contamination. Specifically, the objectives of the exploratory excavations were to:

- Characterize the overburden material with respect to textural classifications;
- Obtain preliminary data concerning overburden contamination;
- Determine if there is a water bearing zone in the overburden; and
- Characterize and describe the bedrock surface.

The work plan specified that a backhoe would be used to excavate as many test pits as possible in one day. During this investigation, a total of 13 test pits were completed. Due to operational difficulties, only one (1) test pit was completed on November 8, 1999; the day originally selected for this task. A second day of backhoe use was, therefore, scheduled for November 10, 1999, during which the remaining twelve (12) test pits were excavated at the site.

Test pit locations were selected based on:

- Locations of former chemical/petroleum storage areas and Raeco operations;
- Results of the UFPO stakeout;
- An assumed groundwater flow direction to the east-northeast; and
- Physical limitations such as the potentially unstable edge of the gorge and limited space to maneuver between building.

Test pit locations are identified on Figure 2 as TP-1 through TP-13. The backhoe equipment was decontaminated by steam cleaning prior to each test pit. The excavations typically extended to the bedrock surface, which was encountered at 6 to 10 feet below grade, except for test pits TP-6, TP-11, and TP-12, where large concrete slabs were encountered at 1.5 to 3 feet below grade and impeded completion. The top of the bedrock surface appeared to be a weathered shaly dolomite typically

covered with a layer of clay and occasionally retaining water.

The extracted subsurface soil materials were visually evaluated for general geological characteristics and signs of obvious contamination. A similar stratigraphy was encountered in each pit and consisted of surface gravel with silt and sand to approximately 6 to 24 inches below grade, followed by silty sand and gravel fill material to 5 to 8 feet below grade, and clay and the top of the bedrock surface to the base of the excavation.

Extracted soils were periodically screened for the presence of volatile organic vapors using a calibrated photoionization detector (PID). Specifically, portions of soil that appeared to be contaminated in each test pit were collected and placed in a dedicated resealable plastic bag. The vapors that accumulated within the headspace of the plastic bag were screened for the presence of volatile organic vapors using the PID. No samples were collected for PID screening from test pits TP-6, TP-9, TP-11, TP-12, or TP-13 due to lack of visual or olfactory evidence of contamination. Peak PID readings ranging from 76 ppm (TP-4) to 529 ppm (TP-5) were recorded from visually contaminated soils encountered in the remainder of the test pits at the site. Results of the PID screening and visual classification of soils are included in Table 1 - Soil Screening Summary.

For each test pit, samples of soils exhibiting the highest PID reading were selected for full TCL/TAL analyses, except at test pits TP-6, TP-9, TP-11, and TP-13, where no soil samples were collected for laboratory analysis due to the lack of evidence of contamination and/or the proximity to other sample locations. In addition, two soil samples were selected from test pits TP-5 and TP-7 for full TCL/TAL analysis due to evidence of what appeared to be separate and distinct zones of contamination. Samples TP-5A and TP-7A were collected from 6 feet below grade and samples TP-5B and TP-7B were collected from 10 feet below grade. Overall, 11 subsurface soil samples were collected from the test pit excavations for full TCL/TAL analyses. Additionally, one field duplicate sample was collected from the location of sample TP-7A and submitted "blind" to the laboratory for full TCL/TAL analyses.

Because water was only occasionally observed to accumulate at the top of the bedrock surface in the test pits, a significant water bearing zone is not believed to exist in the overburden at the site. No water was observed in test pits TP-4, TP-6, or TP-8 through TP-13. The limited amount of water observed in test pits TP-2, TP-5, and TP-7 was not sufficient to collect samples for laboratory analysis. The amount of water that accumulated in test pit TP-1 was only sufficient to collect a sample for TCL VOC analysis; no visual anomalies were observed. A thin dark product layer was observed on top of water that accumulated in test pit TP-3 (see photograph no. 6); samples of this water/product were collected for full TCL/TAL analyses.

Soil and water samples collected from the test pits were placed into glass jars, labeled, and placed into a chilled cooler. The samples selected for analysis were delivered via FedEx to STL, Buffalo, New York. Chain of Custody forms are provided in Appendix B.

4.3 Soil Borings, Monitoring Well Installation, Sampling, and Analysis

The monitoring well program implemented during this project was designed to evaluate groundwater quality, determine the direction of groundwater flow, and aid in the evaluation of the overburden and bedrock materials at the site. The work plan indicated that three (3) wells would be installed; one hydraulically upgradient of the site and two on hydraulically downgradient portions of the site. The upgradient well (MW-3D) was installed across the railroad right-of-way to the west of the Raeco site in an asphalt-paved access road owned by BVR Construction (see Figure 2). The two downgradient well locations on the Raeco site included one in the vicinity of the former TCE tank (MW-1D) and the second in a location assumed to be downgradient of the former railcar unloading area (MW-2D). Both downgradient wells were also positioned in locations corresponding to staining noted on the gorge wall (see photograph no. 2). In addition, the three wells were positioned to allow development of groundwater flow contours for the site. Monitoring well locations are shown on Figure 2.

The monitoring well installation program in the work plan contained three distinct components:

- Overburden drilling;
- Setting casings into bedrock; and
- Bedrock coring.

These components are discussed in the following sections.

4.3.1 Soil Borings

Three overburden soil borings were advanced on November 11, November 16, and November 22, 1999 for the purpose of installing bedrock monitoring wells and to aid in the characterization of subsurface soils at the site. All drilling equipment was decontaminated by steam cleaning prior to advancing each boring.

The borings were advanced with 6-1/4-inch inside diameter (I.D.) hollow stem augers. Continuous 2-foot split spoon samples were collected to refusal at each of the soil boring locations. Split spoon refusal occurred at the top of the bedrock surface in each boring, which varied from 10 feet below grade at MW-1D to 22 feet below grade at MW-3D.

A qualified geologist described and logged the extracted subsurface soil materials from each split spoon with respect to their geologic character, features, and properties. Specific information provided on the logs included:

- A description of the soil using the Unified Soil Classification System (USCS);
- The number of blows required to advance the split spoon sampler each 6 inch interval when driven with a 140-lb. hammer falling freely over a 30 inch fall; and
- PID screening results of soils recovered from each split spoon.

The stratigraphy of overburden materials encountered in the soil borings was similar to that observed in the test pits. Silty sand and gravel fill material was encountered to depths of 6 to 12 feet below

grade, followed by silty clay and the top of the bedrock surface at 10 feet, 16 feet, and 22 feet below grade in borings MW-1D, MW-2D, and MW-3D, respectively. Soils collected from each split spoon were screened with the PID for evidence of volatile organic vapors in the manner described in Section 4.2. Peak PID readings recorded for each of the borings were 885 ppm at 4 to 6 feet below grade in MW-1D, 45 ppm at 14 to 16 feet below grade in MW-2D, and 53 ppm at 10 to 12 feet below grade in MW-3D. Results of the PID screening and visual classification of soils are summarized in Table 1. The soil boring logs are included in Appendix C.

Soil from each boring was analyzed for full TCL/TAL analyses. Soils from the split spoon exhibiting the highest PID reading in each boring were collected for TCL VOC analysis to quantify maximum VOC contaminant levels in soil. Since a split spoon typically yields only enough soil for one or two samples for laboratory analysis, auger cuttings that corresponded the boring interval selected for VOC analysis were utilized to supplement remaining soils in the split spoon for the other TCL/TAL samples. The soil samples selected for analysis were placed into glass jars, labeled, and placed into a chilled cooler. The samples were delivered via FedEx to STL, Buffalo, New York. Chain of Custody forms are provided in Appendix B.

4.3.2 Bedrock Monitoring Well Installation

As a precaution to minimize contamination of the bedrock from the overburden, a rock socket was set at least two feet into competent bedrock in each boring. The actual rock socket in each boring included 4 feet, 2.5 feet, and 3 feet of competent bedrock for monitoring wells MW-1D, MW-2D, and MW-3D, respectively. The rock sockets were advanced by rotary drilling with a 5-7/8-inch outside diameter (O.D.) roller bit using the hollow-stem augers as a temporary casing. Four inch I.D. PVC casing was then set in the rock socket and cement/bentonite grout was injected around the casing through a tremie pipe. The grout was generally mixed to the following composition:

- Portland type II cement 94 lbs;
- bentonite powder 3 to 5 lbs; and
- water 6 to 7 gallons.

The hollow stem augers were then withdrawn and the grout within the annulus between the casing and the boring wall was topped off, as necessary (see photograph no. 7). The cement/bentonite grout was allowed to set for a minimum of twenty-four hours prior to commencing bedrock coring.

The bedrock was cored to the depth necessary to produce a 4-inch diameter open hole well. Each boring was advanced until the first significant water-bearing unit was encountered. Total depths for monitoring wells MW-1D, MW-2D, and MW-3D are 36 feet, 46.5 feet, and 46 feet, respectively. The extracted subsurface bedrock cores were described and logged by qualified geologist with respect to their geologic character, features, and properties. The dolomite bedrock generally exhibited multiple horizontal fractures and bedding planes. Fractures were commonly clay-filled. This clay material was screened with the PID for the presence of volatile organic vapors. Peak PID readings of 115 ppm, 482 ppm, and 3 ppm were recorded from the clay material within bedrock fractures in the cores extracted from wells MW-1D (28 fbg), MW-2D (21 fbg), and MW-3D (28 fbg), respectively. The bedrock logs, including PID screening results, are included in Appendix C.

Each well was finished with a lockable cap within a protective flush-mounted steel manhole cover (see photograph no. 8). Monitoring well construction details are summarized in Table 2.

4.3.3 Bedrock Monitoring Well Development

Following installation, each well was developed by successively surging and evacuating the wells until recharge rates stabilized. Final recharge rates for wells MW-1D, MW-2D, and MW-3D were approximately 0.20 gallons per minute (gpm), 0.06 gpm, and 0.33 gpm, respectively. Following development, the wells were allowed to stabilize for a period of two to three months prior to collecting groundwater samples.

4.3.4 Monitoring Well Sampling

On February 8, 2000, the static water level in each of the three wells at the Raeco site was measured in reference to the surveyed elevation of the top of the corresponding well casing (see Section 4.4 - Site Survey and Map Preparation). In order to facilitate a better understanding of regional groundwater flow, water level elevations were also recorded on this date from three bedrock wells on the adjacent 10 White Street property to the southwest of the Raeco site. These wells were previously installed as part of an on-going investigation of the nearby Rochester Metal Etching site (Registry Site No. 828-100). As a result of a separate, independent investigation (without a legal agreement with DEC), groundwater monitoring wells have also been installed at the 214 Lake Avenue (Volunteers of America) property located due west of the Raeco site; however, groundwater elevation measurement were not recorded from these wells on this date.

A thin product layer of approximately 0.01-foot thickness was recorded on top of groundwater in monitoring well MW-1D. Product layers were not encountered in monitoring wells MW-2D or MW-3D. Prior to purging the wells, an attempt was made to sample the product layer in monitoring well MW-1D with a disposable bailer; however, the product layer was so thin that the sample was primarily water.

The Raeco wells were intended to be purged using a Grundfos pump until field monitoring parameters (pH, specific conductivity, temperature, and turbidity) of the extracted water stabilized. Due to cold weather conditions, however, the pump was not operational. Disposable polyethylene bailers were, therefore, used to purge the wells. Each of the three wells were purged dry and continuous monitoring of stabilization parameters was not possible.

Following groundwater recharge, the three wells were sampled using new, dedicated, disposable polyethylene bailers with dedicated nylon cord. Groundwater samples from each well were collected in the following order:

- TCL VOCs;
- TCL SVOCs;
- TCL pesticides/PCBs;
- Field parameters; and
- TAL metals.

In addition, the water/product layer sample collected from MW-1D was submitted for TCL VOCs, SVOCs, and pesticides/PCBs. Groundwater and product layer elevations for the Raeco wells, as well as field parameters recorded at the time of sampling, are included on Table 2. The groundwater elevations for the three Raeco wells are shown on Figures 3A and 3B. Figure 3B also includes the groundwater elevations for the three wells at the 10 White Street site. The samples were placed into glass jars, labeled, and placed into a chilled cooler. The samples were delivered via FedEx to STL, Buffalo, New York. Chain of Custody forms are provided in Appendix B.

4.4 Site Survey and Map Preparation

A survey of the site was conducted on December 20-22, 1999. The survey resulted in a single map showing the relative location of all sampling and monitoring points and other points of interest associated with the Raeco property (see Figure 2). Elevations of the newly installed wells on the Raeco site (MW-1D through MW-3D) were also recorded on the north side of each well casing (see Table 2). In addition, the survey included the existing wells at the 10 White Street site to allow comparisons of groundwater levels.

5.0 SITE ASSESSMENT

5.1 Site Setting and Topography

The Raeco site is located in a heavily developed commercial/light industrial area just northwest of downtown Rochester. The site is situated on the side of a hill that slopes downward from Lake Avenue to the east. The terrain is relatively flat from the western boundary of the site to the edge of the Genesee River gorge. The site then slopes steeply downward toward the east from the top of the gorge to the Genesee River approximately 100 feet below. There are no known private or public water supply wells nearby.

5.2 Site Geology and Hydrology

Based on the test pits and soil borings completed during this investigation, the site consists of 6 to 22 feet of overburden on top of bedrock. The overburden is comprised primarily of fill material including silty sand and gravel with some miscellaneous construction and demolition debris type material (concrete, brick, and wood debris). A clay layer of varying thickness exists just above the bedrock surface at the site and was occasionally observed to retain water. It is not believed, however, that this low permeability layer would significantly restrict or confine groundwater movement at the site. The bedrock identified at the site is classified as dolomite and was frequently fractured.

A significant water-bearing zone was not identified in the overburden of the site during this investigation. Bedrock groundwater elevations at the site were measured on February 8, 2000, including three bedrock wells on the 10 White Street property adjacent to the southwest of the Raeco site. The depth to groundwater identified in the three Raeco bedrock monitoring wells ranged from approximately 20 to 42 feet below grade. The groundwater elevation results for the Raeco site indicate that bedrock groundwater flow is to the northeast toward the Genesee River gorge. When groundwater elevations at the 10 White Street property are included in the evaluation, it appears that groundwater flow direction in the general area may vary from southeast to northeast, and is generally toward the Genesee River Gorge. Table 2 presents the groundwater elevation data for the Raeco site collected on February 8, 2000. Figure 3A presents groundwater elevation contours based on the February 8, 2000 measurements for the Raeco site only, while Figure 3B presents groundwater elevation contours based on the February 8, 2000 measurements for both the Raeco and 10 White Street sites.

5.3 Contaminant Assessment

The following sections summarize the analytical data generated during the PSI. The information is organized according to sample media (surface soil, subsurface soil, surface water, and groundwater) and compounds of concern. Analytical data were compared to New York State environmental Standards, Criteria, and Guidance (SCGs). Groundwater SCGs for this site were based on the groundwater quality standards contained in 6 NYCRR Part 703 and the DEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. The DER Technical Assistance Guidance

Memorandum (TAGM) 4046 was used to evaluate surface and subsurface soils.

Sample locations are shown on Figure 2. The analytical data for samples collected as part of the PSI are provided in Appendix B. All detected compounds for the field samples and field duplicates are presented in Tables 3A through 3D and 4A through 4D in data summary format.

5.3.1 Surface Soil

A total of four surface soil samples were collected at the site and analyzed for TCL VOCs, SVOCs, pesticides/PCBs, and TAL metals. Several compounds were detected in surface soils from each category, excluding PCBs, at concentrations that exceed the SCGs. The compounds identified in the following tables were detected at levels above SCGs in at least one surface soil sample:

VOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
2-Butanone	300	1 of 4	1,900 (SS-1)

SVOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Benzo(a)anthracene	224	1 of 4	15,000 (SS-2)
Benzo(a)pyrene	61	2 of 4	5,400 (SS-2)
Benzo(b)fluoranthene	1,100	2 of 4	8,200 (SS-2)
Chrysene	400	2 of 4	27,000 (SS-2)
2,4-Dichlorophenol	400	1 of 4	13,000 (SS-2)
Pentachlorophenol	1,000	1 of 4	11,000 (SS-2)

Pesticides	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Dieldrin	44	1 of 4	990 (SS-2)
Endrin	100	1 of 4	380 (SS-2)

Metals	SCG (ppm)	No. of Samples Exceeding SCG	Maximum Concentration (ppm)
Antimony	SB*	1 of 4	6.5 (SS-2)
Barium	600	1 of 4	976 (SS-1)
Calcium	35,000	3 of 4	112,000 (SS-4)
Copper	50	1 of 4	92.4 (SS-3)
Lead	500	1 of 4	2,340 (SS-1)
Magnesium	5,000	3 of 4	37,200 (SS-2)
Mercury	0.2	1 of 4	1.2 (SS-3)
Silver	SB*	1 of 4	3.5 (SS-3)
Zinc	50	4 of 4	1,630 (SS-1)

*SB = Site Background

Surface soil sample locations are denoted by "SS" designations in the tables and figures. Figures 4 through 7 present summaries of surface soil results exceeding SCGs for VOCs, SVOCs, pesticides, and metals, respectively. As indicated on the figures, surface soil SVOC and pesticide results exceeding SCGs were primarily located at the southwest corner of the property (SS-2) in the area of staining from former tanks. Metals exceeding SCGs in surface soil samples were detected in all four locations; the high lead concentration of 2,340 ppm was detected in surface soils in the basement of Building B (SS-1).

The detected compounds in surface soil samples collected at the site, including comparisons to SCGs, are summarized in Tables 3A through 3D. The analytical data from STL Laboratories are provided in Appendix B.

5.3.2 Subsurface Soil

The results of test pit excavations and soil borings completed during the PSI identified the presence of VOC, SVOC, pesticide, and metal contamination in the subsurface soil at the Raeco site. PCBs were not detected in subsurface soil at the site. The compounds identified in the following tables were detected at levels above SCGs in at least one subsurface soil sample:

VOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Acetone	200	11 of 14	12,000 (TP-5B)
Benzene	60	5 of 14	1,400 (TP-1)
2-Butanone	300	7 of 14	5,200 (TP-5B)
1,1-Dichloroethane	200	2 of 14	610 (TP-4)
1,2-Dichloroethene (total)	300	4 of 14	400,000 (MW-1D)
Ethylbenzene	5,500	3 of 14	130,000 (TP-5B)
Methylene chloride	100	3 of 14	1,500 (MW-1D)
Tetrachloroethene	1,400	2 of 14	2,800 (MW-1D)
Toluene	1,500	7 of 14	1,000,000 (TP-5B)
1,1,1-Trichloroethane	800	3 of 14	7,600 (MW-1D)
Trichloroethene	700	5 of 14	18,000 (MW-1D)
Vinyl chloride	200	2 of 14	1,900 (TP-10)
Xylenes (total)	1,200	8 of 14	650,000 (TP-5B)

SVOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Benzo(a)anthracene	224	10 of 14	2,300 (TP-8)
Benzo(a)pyrene	61	12 of 14	2,800 (TP-8)
Benzo(b)fluoranthene	1,100	8 of 14	5,600 (TP-8)
Benzo(k)fluoranthene	1,100	2 of 14	2,100 (TP-5B)
Chrysene	400	6 of 14	3,000 (MW-1D)
1,2-Dichlorobenzene	7,900	1 of 14	95,000 (TP-5B)
2-Methylnaphthalene	36,400	1 of 14	41,000 (TP-3)
Naphthalene	13,000	1 of 14	13,000 (TP-3)
Phenanthrene	50,000	1 of 14	51,000 (TP-3)

Pesticides	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Endrin	100	8 of 14	560 (TP-2)

Metals	SCG (ppm)	No. of Samples Exceeding SCG	Maximum Concentration (ppm)
Antimony	SB	1 of 14	13.6 (TP-2)
Arsenic	12	3 of 14	65.8 (TP-10)
Barium	600	1 of 14	1,500 (TP-3)
Beryllium	1.75	2 of 14	19.7 (TP-3)
Calcium	35,000	6 of 14	170,000 (TP-3)
Copper	50	4 of 14	295 (TP-2)
Lead	500	1 of 14	1,130 (TP-2)
Magnesium	5,000	10 of 14	43,100 (TP-8)
Mercury	0.2	10 of 14	1.6 (TP-2 & TP-12)
Nickel	25	2 of 14	96.7 (TP-2)
Selenium	3.9	1 of 14	5.4 (TP-3)
Zinc	50	13 of 14	501 (TP-2)

Sample locations are shown on Figure 2. Subsurface soil sample locations from test pits are denoted by "TP" designations in the tables and figures. Subsurface soil sample locations from soil borings, which were later converted into monitoring wells, are denoted by "MW" designations in the tables and figures. Figures 4 through 7 present summaries of subsurface soil results exceeding SCGs for VOCs, SVOCs, pesticides, and metals, respectively. As indicated on the figures, the highest organic contaminant concentrations in subsurface soils were primarily detected in the central area of the site to the west of Building D and south of Buildings C and D. Metals were detected at relatively consistent concentrations (generally within an order of magnitude of the SCGs) across the site.

The detected compounds in subsurface soil samples collected at the site, including comparisons to SCGs, are summarized in Tables 3A through 3D. The analytical data from STL Laboratories are provided in Appendix B.

5.3.3 Surface Water

One surface water sample was collected at the site from water accumulated on surface soils in the basement of Building B, adjacent to former tank cradles. This sample, designated as SW-1 in the tables and figures, was analyzed for full TCL/TAL analyses. There are no applicable SCGs for this media as it is not a classifiable water body or a point source discharge to groundwater. Contaminant concentrations detected in this sample are not considered significant. The detected compounds in the surface water sample collected at the site are summarized in Tables 4A through 4D. The analytical data from STL Laboratories are provided in Appendix B.

5.3.4 Groundwater

The results of groundwater samples collected from the test pit excavations and bedrock monitoring wells during the PSI identified the presence of VOC, SVOC, pesticide, PCB, and metal contaminants in groundwater at the Raeco site. The compounds identified in the following tables were detected at levels above SCGs in at least one groundwater sample:

VOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Acetone	50	3 of 6	1,500 (MW-1D w/ product)
Benzene	1	4 of 6	69 (TP-3)
2-Butanone	50	2 of 6	480 (MW-1D)
Chloroethane	5	3 of 6	320 (TP-3)
1,1-Dichloroethane	5	5 of 6	1,600 (MW-1D w/ product)
1,1-Dichloroethene	5	1 of 6	120 (MW-1D)
1,2-Dichloroethene (total)	5	4 of 6	110,000 (MW-1D w/ product)
Ethylbenzene	5	4 of 6	1,300 (MW-1D w/ product)
4-Methyl-2-pentanone	50	2 of 6	360 (MW-1D)
Methylene chloride	5	1 of 6	23 (TP-3)
Toluene	5	4 of 6	13,000 (MW-1D w/ product)
1,1,1-Trichloroethane	5	2 of 6	850 (MW-1D w/ product)
Vinyl chloride	2	4 of 6	11,000 (MW-1D w/ product)
Xylenes (total)	5	4 of 6	6,600 (TP-3)

SVOCs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Acenapthene	20	1 of 5	1,300 (TP-3)
Benzo(a)anthracene	0.002	2 of 5	2 (MW-1D)
Benzo(a)pyrene	0.002	1 of 5	1 (MW-1D)
Benzo(b)fluoranthene	0.002	2 of 5	3 (MW-1D)
Butylbenzylphthalate	50	1 of 5	74 (MW-1D)
Chrysene	0.002	2 of 5	2 (MW-1D)
1,2-Dichlorobenzene	3	3 of 5	19,000 (TP-3)
bis(2-Ethylhexyl)phthalate	5	2 of 5	220 (MW-1D)
Fluoranthene	50	1 of 5	1,800 (TP-3)
Fluorene	50	1 of 5	1,500 (TP-3)
2-Methylnaphthalene	50	1 of 5	11,000 (TP-3)

SVOCs (continued)	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
2-Methylphenol	5	2 of 5	11 (MW-1D)
Naphthalene	10	3 of 5	6,700 (TP-3)
Phenanthrene	50	1 of 5	4,100 (TP-3)
Phenol	1	1 of 5	1,400 (TP-3)
Pyrene	50	1 of 5	2,100 (TP-3)

Pesticides/PCBs	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
alpha-BHC	0.01	1 of 5	0.65 (TP-3)
Dieldrin	0.004	1 of 5	0.54 (TP-3)
4,4'-DDD	0.3	1 of 5	6.1 (TP-3)
4,4'-DDE	0.2	1 of 5	2.5 (TP-3)
Endosulfan II (beta)	0.1	1 of 5	3.4 (TP-3)
Endosulfan sulfate	0.1	2 of 5	3.5 (TP-3)
Endrin	0.01	1 of 5	0.49 (TP-3)
Methoxychlor	35	1 of 5	46 (TP-3)
PCB-1254	0.09	1 of 5	74 (TP-3)

Metals	SCG (ppb)	No. of Samples Exceeding SCG	Maximum Concentration (ppb)
Arsenic	25	1 of 4	97.2 (TP-3)
Iron	300	4 of 4	36,800 (TP-3)
Lead	25	1 of 4	550 (TP-3)
Magnesium	35,000	4 of 4	129,000 (MW-1D)
Manganese	300	1 of 4	1,320 (TP-3)
Mercury	0.7	1 of 4	0.7 (TP-3)
Sodium	20,000	4 of 4	113,000 (MW-1D)

Sample locations are shown on Figure 2. Groundwater sample locations from test pits are denoted by "TP" designations in the tables and figures, while those from monitoring wells are denoted by "MW" designations in the tables and figures. Figures 4 through 7 present summaries of groundwater results exceeding SCGs for VOCs, SVOCs, pesticides/PCBs, and metals, respectively. As indicated on the figures, the highest VOC concentrations in groundwater were generally detected in monitoring well MW-1D, while the highest SVOC, pesticide, and PCB concentrations in groundwater were generally detected in test pit TP-3. Metals were detected at relatively consistent concentrations (generally within an order of magnitude of the SCGs) in groundwater samples at the

site. More significant SCG exceedances by iron and lead (greater than one order of magnitude) were detected in the sample collected from TP-3; however, the turbidity of this unfiltered sample was observed to be high, although it was not measured. Suspended solids in the TP-3 water sample, therefore, may have biased the metals analysis high for this sample.

Groundwater at the site is not used as a drinking water source. Residents and businesses in the area are served by a public water supply provided by the City of Rochester Water Bureau and there are no known private or public water supply wells nearby. The detected compounds in groundwater samples collected at the site, including comparisons to SCGs, are summarized in Tables 4A through 4D. The analytical data from STL Laboratories are provided in Appendix B.

5.3.5 Quality Assurance/Quality Control (QA/QC) Sample Results

The QA/QC program implemented for this project included both field and analytical components. Field components included use of acceptable sample collection methods, use of clean equipment to minimize the potential for cross contamination, and the collection of field duplicate and trip blank samples. Field duplicate samples consisted of split samples collected at the site and submitted "blind" (without the sample location identified) to the laboratory. Two field duplicate samples were collected during this investigation, one from surface sample location SS-4 and one from subsurface soil location TP-7A. These samples are identified with the suffix "FD" in the tables. In general, the field duplicate analytical results, as shown in Tables 3A through 3D, were consistent with the corresponding field sample results. Trip blanks consisted of vials filled in the STL laboratory with uncontaminated water. These vials accompanied sample collection personnel in the field and were treated identically to other water samples but were never opened. Five (5) trip blank samples were submitted during this investigation for VOC analysis. The trip blank results are provided in Appendix B and indicate very low levels of toluene (1-2 ppb) in two samples and 1,2-dichloroethene (3 ppb) in one sample. No other compounds were detected in the trip blank samples.

Analytical components included instrument calibration, laboratory blanks, and MS/MSD samples. Based on the DER chemist' s review of the CLP Category B data packages submitted by the laboratory for this project, these data are useable for the objectives of the investigation as qualified in the laboratory reports, with the following exceptions:

- All of the SVOC results for soil sample SS-4 should be qualified as estimated (J); this affects the non-detects only since the detects are already qualified as estimated; and
- The cyanide result (0 mg/kg) for subsurface soil sample MW-2D should be qualified as rejected (R) because the analysis was performed 30 days beyond the 12 day holding time.

Laboratory case narratives identifying the results of the analytical QA/QC program are included in Appendix B. Analytical results included in Appendix B and the Tables have been flagged accordingly. Complete CLP Category B data packages are available in the DEC Region 8 office in Avon.

6.0 CONCLUSIONS

Based on the results of this PSI, relative to project objectives, the following conclusions are provided.

6.1 Site Contaminants of Concern

This investigation was designed to provide a preliminary evaluation of environmental conditions at the site and assess the impact of past operations on the site environment. Elevated levels of organic compounds, and to a lesser extent inorganic compounds, were detected throughout the site and across all media (surface soil, subsurface soil, and groundwater). The specific compounds of concern discussed in the following sections were identified based on the number and magnitude of SCG exceedances (see Tables 3A-3D and 4A-4D), the apparent impact from operations at the Raeco site (chemical and petroleum storage and handling), and the potential hazards of the compound in the environment.

6.1.1 Volatile Organic Compounds

VOCs were detected at significant levels in groundwater and subsurface soils at the site and relatively low levels in the surface soil. The maximum total VOC concentration detected in groundwater samples collected at the site was approximately 144 ppm. For subsurface soils, the maximum total VOC concentration was nearly 1,800 ppm, while it was less than 2 ppm for surface soils.

Of the 16 VOCs that were detected at concentrations above SCGs during this PSI, the following 11 compounds were identified as compounds of concern for additional investigation and evaluation:

- Acetone
- Benzene
- 2-Butanone
- 1,1-Dichloroethane
- 1,2-Dichloroethene (total)
- Ethylbenzene
- Toluene
- 1,1,1-Trichloroethane
- Trichloroethene
- Vinyl chloride
- Xylenes (total)

Each one of these compounds was detected at concentrations greatly exceeding SCGs in subsurface soil and, except for trichloroethene, in groundwater at the site. The areal extent of subsurface soil VOC contamination at the site has not been completely defined, but appears significant and may include more than one-half acre of land in the vicinity of Buildings A, B, C, and D (see Figure 4). Groundwater VOC contamination was identified at the locations of test pits TP-1 and TP-3 and, most significantly, in bedrock monitoring well MW-1D. To a lesser extent, the groundwater sample

collected from monitoring well MW-3D had some VOC detections above SCGs, while the sample collected from MW-2D did not have VOC detections above SCGs.

6.1.2 Semi-Volatile Organic Compounds

SVOCs were detected at significant levels in groundwater, surface soil, and subsurface soils at the site. The maximum total SVOC concentration detected in groundwater samples collected at the site was nearly 49 ppm. For surface soils, the maximum total SVOC concentration was nearly 184 ppm, and for subsurface soils it was nearly 155 ppm.

Of the 19 SVOCs that were detected at concentrations above SCGs during this PSI, the following 7 compounds were identified as compounds of concern for additional investigation and evaluation:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Chrysene
- 1,2-Dichlorobenzene
- 2-Methylnaphthalene
- Naphthalene
- Phenanthrene

Benzo(a)anthracene, benzo(a)pyrene, and chrysene were each detected at concentrations greatly exceeding SCGs in groundwater, surface soil, and subsurface soil at the site. The remaining four compounds listed above were detected at concentrations greatly exceeding SCGs in groundwater and subsurface soil at the site, but not in surface soil.

The areal extent of SVOC contamination in soil at the site has not been completely defined, but appears to be similar to that discussed above for VOCs and may be more widespread in surface soils (see Figure 5). The most significant groundwater SVOC concentrations were identified in the sample collected from test pit TP-3. The groundwater samples collected from bedrock monitoring well MW-1D also contained some SVOC compounds at concentrations above SCGs, but at much lower magnitude. Groundwater samples collected from monitoring wells MW-2D and MW-3D did not contain SVOCs at concentrations above SCGs.

6.1.3 Pesticides and PCBs

Several pesticide compounds and one PCB were detected at significant levels in one groundwater sample collected at the site (TP-3), while only two pesticide compounds and no PCBs were detected at concentrations above SCGs in surface soil and subsurface soil samples collected at the site. Pesticide and PCB detections were significantly elevated in only one sample location at the site (TP-3) and only in groundwater accumulated at the base of the overburden, which may not directly correlate to bedrock groundwater. Further investigation is warranted, therefore, to define the nature and extent of this contamination and determine its significance.

6.1.4 Inorganic Compounds

Inorganic compounds (metals) were frequently detected at concentrations exceeding SCGs in soils and groundwater at the site. These detections, however, were generally within one order of magnitude of the SCGs and were fairly consistent across the site. Additional investigation is warranted to determine the significance of metal impacts at the site and more completely define its nature and extent.

6.2 Potential Sources of Contamination

The results of the investigation suggest that the source of the contamination at the site was the former Raeco manufacturing operations. Raeco's operations (including bulk storage, blending, packaging, and distribution of chemicals and petroleum products) reportedly occurred throughout the site. Elevated levels of site contaminants were primarily detected in subsurface soils and groundwater in the vicinity of Buildings A, B, C, and D and in surface soils at the southwest corner of the site.

Evaluating results from this limited investigation, a specific source of contamination at the site was not identified as the contaminant distribution was not indicative of a plume with a central source area. Rather it appears that the former Raeco activities throughout the site contributed to the contamination.

6.3 Groundwater Flow

Based on a single round of groundwater elevation measurements, the groundwater flow direction identified at the site is to the northeast toward the Genesee River gorge (see Figure 3A). In addition, groundwater flow in the general area of the site may range from southeast to northeast (see Figure 3B). Groundwater at the site has a strong vertically downward gradient toward the adjacent Genesee River, which is situated approximately 100 feet below the upper ground surface of the site.

6.4 The NYS Listing of Inactive Hazardous Waste Disposal Sites

As discussed below, the results of this investigation have confirmed the disposal of consequential amounts of hazardous wastes at the Raeco site. DEC used the results of this investigation to prepare a listing package for inclusion of the Former Raeco Products site in the NYS Registry of Inactive Hazardous Waste Disposal Sites. In January 2001, the site was added to the Registry as a Class 2 site. The Class 2 designation means that the site presents a significant threat to public health and/or the environment and additional action is required.

6.4.1 Volatile Organic Compounds

The results indicate that the soil and groundwater contamination by VOCs resulted from the disposal of consequential amounts of hazardous waste at the site. This conclusion was based on the following:

- Records indicate that operations at the Raeco facility included storage and handling of chemicals and petroleum products that included chlorinated VOCs (e.g. tetrachloroethene, trichloroethene, and 1,1,1-trichloroethane) and non-halogenated VOCs (e.g. acetone, benzene, 2-butanone, toluene, and xylene);
- These types of VOCs are listed hazardous wastes per 6 NYCRR Part 371 with EPA hazardous waste codes of F002 (chlorinated VOCs) and F003/F005 (non-halogenated VOCs);
- The following specific VOCs (with associated EPA hazardous waste codes) were detected at significant concentrations at the site and are defined as hazardous wastes per 6 NYCRR Part 371: acetone (U002), benzene (U019), 2-butanone (U159), 1,2-dichloroethane (U079), toluene (U220), trichloroethene (U228), vinyl chloride (U043), and xylenes (U249); and
- The soil and groundwater analytical results indicate that operations at Raeco have resulted in VOC impacts to on-site soils and groundwater.

6.4.2 Semi-Volatile Organic Compounds

The results indicate that the soil and groundwater contamination by SVOCs resulted from the disposal of consequential amounts of hazardous waste at the site. This conclusion was based on the following:

- Records indicate that operations at the Raeco site included the storage and handling of heavy petroleum products that include SVOCs;
- The following specific SVOCs (with associated EPA hazardous waste codes) were detected at significant concentrations at the site and are defined as hazardous wastes per 6 NYCRR Part 371: benzo(a)anthracene (U018), benzo(a)pyrene (U022), chrysene (U050), and naphthalene (U165); and
- The soil and groundwater analytical results indicate that operations at Raeco have resulted in SVOC impacts to on-site soils and groundwater.

7.0 RECOMMENDATION

In 1999-2000, DEC performed a PSI at the Former Raeco Products site. Samples were collected from four surface soil locations, 13 exploratory excavations, and three groundwater monitoring wells. The results of the DEC investigation indicate widespread VOC and SVOC contamination in the soils and groundwater at the site. Total concentrations of VOCs and SVOCs detected in soil samples collected at the site approached 1,800 ppm and 185 ppm, respectively, and in groundwater samples collected at the site approached 145 ppm and 50 ppm, respectively.

The results of the PSI indicate that the contamination at the site is the result of the disposal of consequential amounts of hazardous waste at the Raeco site. DEC has included the Former Raeco Products site in the New York State Registry of Inactive Hazardous Waste Disposal Sites as a Class 2, meaning the DEC believes the site poses a significant threat to public health and/or the environment; action is required. An Investigation to fully define the nature and extent of contamination at the site and gather data necessary to evaluate remedial alternatives is appropriate. DEC will work with the responsible party or evaluate the use of Superfund monies to perform additional investigation and remediation activities.

FIGURES

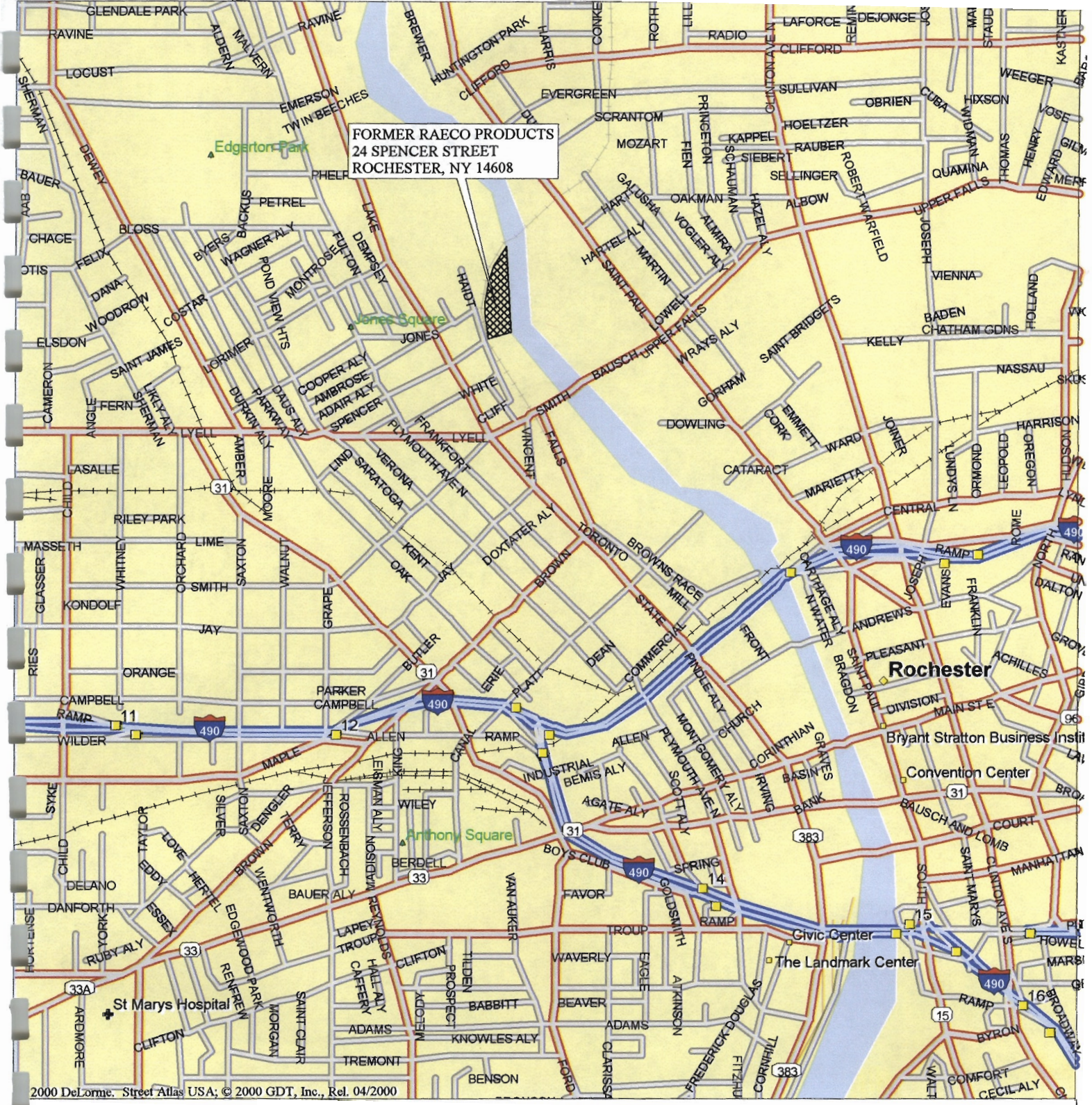
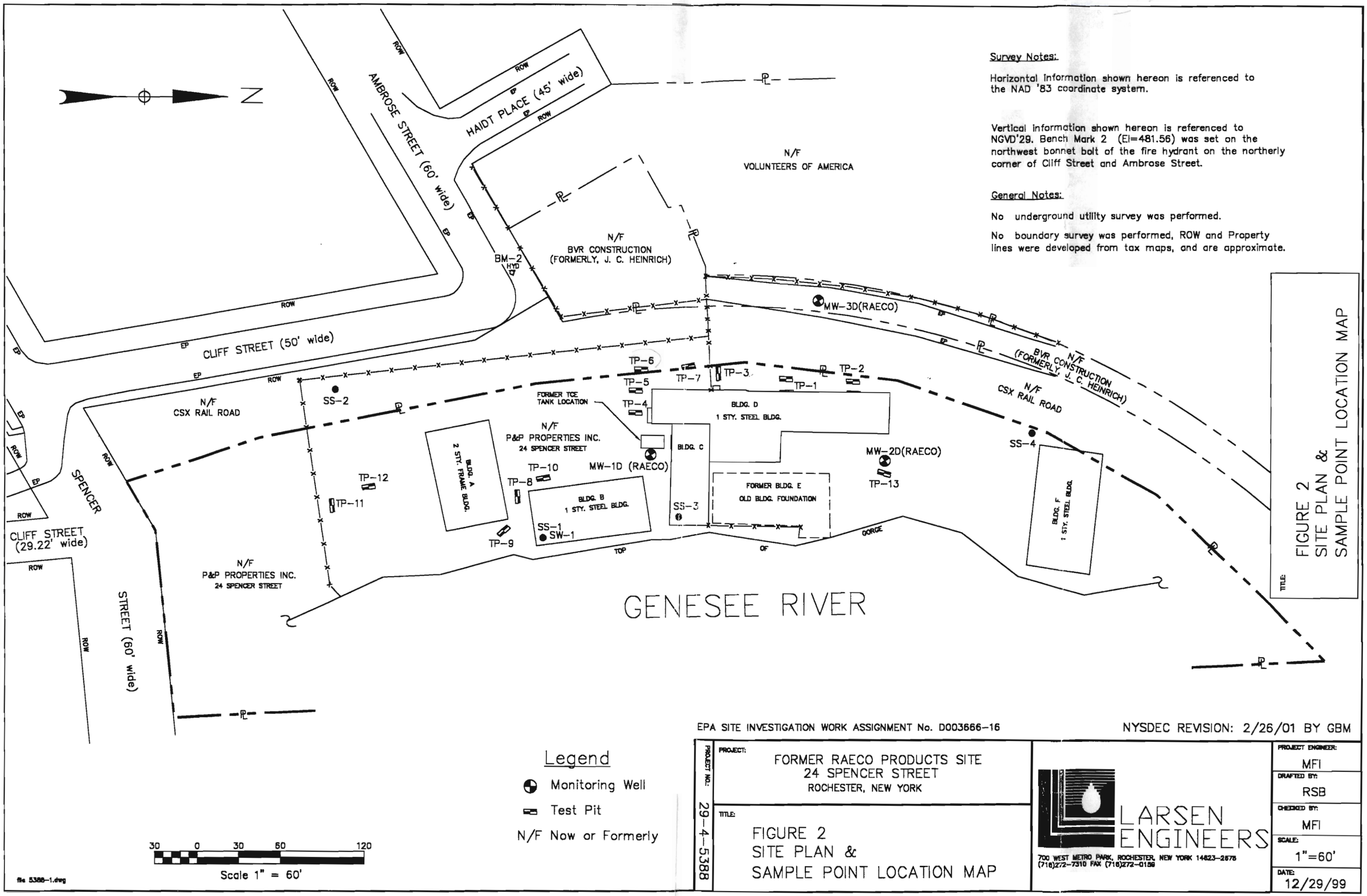


FIGURE 1 - SITE LOCATION MAP



Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes:

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

Legend

- Monitoring Well
- Test Pit
- N/F Now or Formerly

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/26/01 BY GBM

PROJECT NO: 29-4-5388

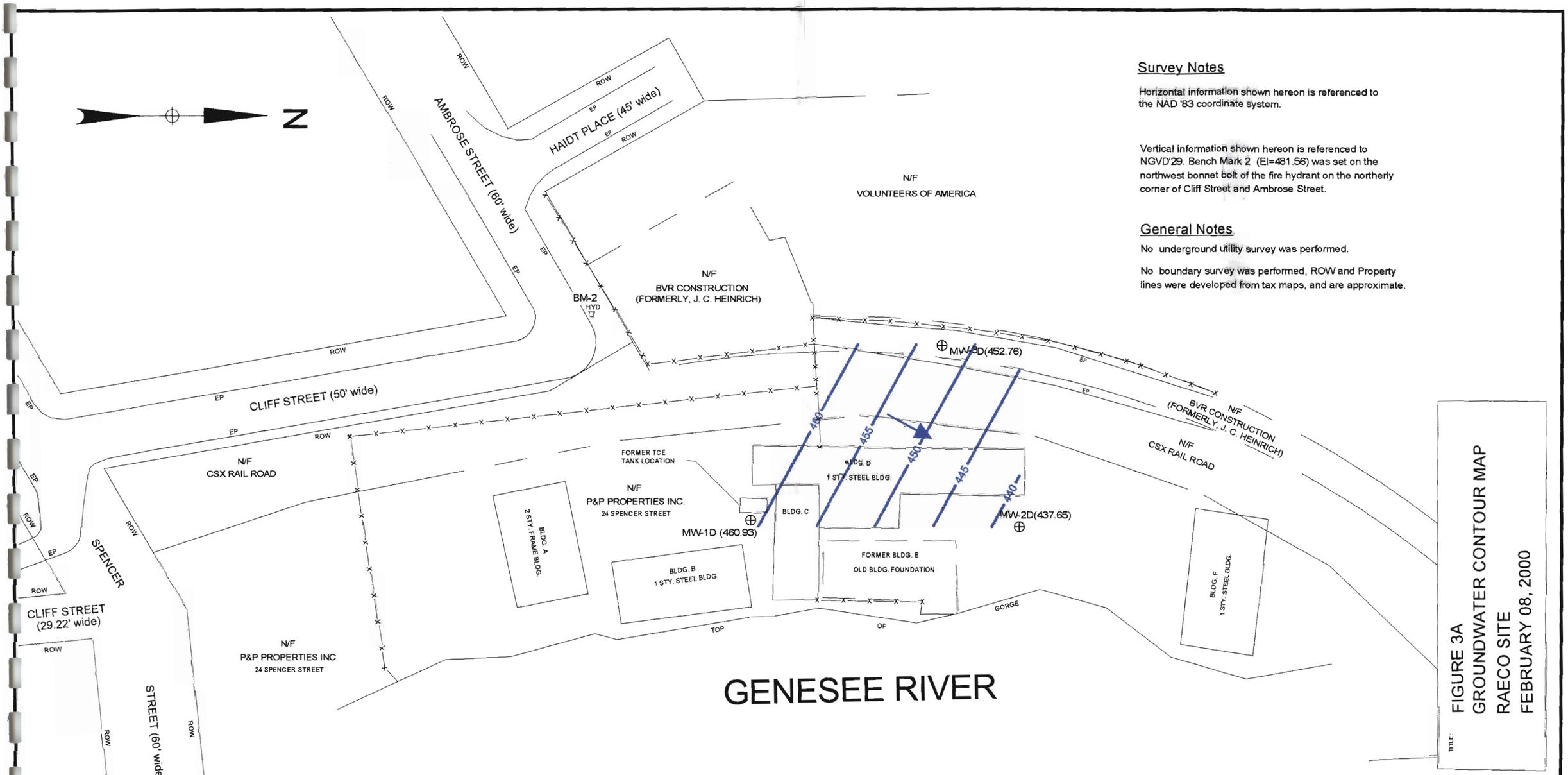
PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 2
SITE PLAN &
SAMPLE POINT LOCATION MAP

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0139

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=60'
DATE: 12/29/99

TITLE: FIGURE 2
SITE PLAN &
SAMPLE POINT LOCATION MAP



Survey Notes

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

Legend

⊕ Monitoring Well

(460.93) Groundwater Elevation

N/F Now or Formerly

→ Groundwater Flow Direction

30 0 30 60 120

Scale 1" = 60'

file 5368-1.dwg

FIGURE 3A
GROUNDWATER CONTOUR MAP
RAECO SITE
FEBRUARY 08, 2000

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/26/01 BY GBM

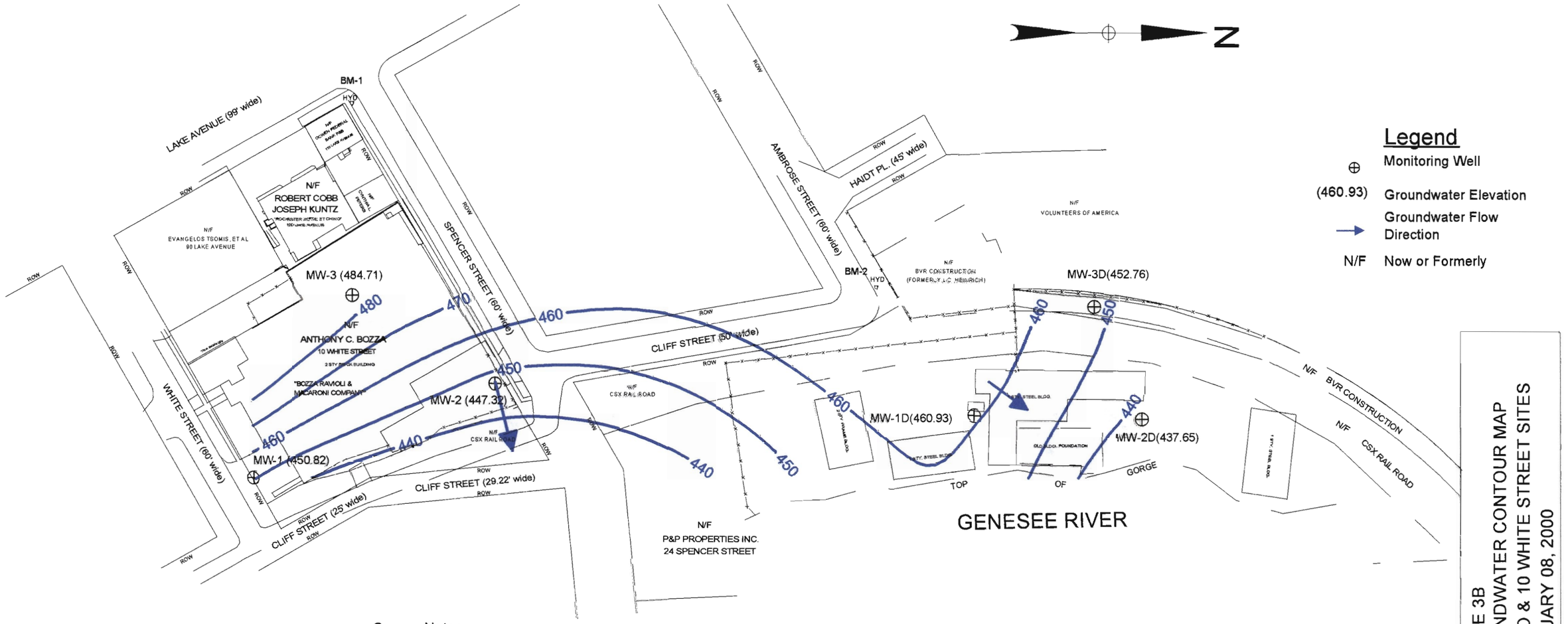
PROJECT NO.: 29-4-5388

PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 3A
GROUNDWATER CONTOUR MAP
RAECO SITE
FEBRUARY 08, 2000

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0159

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=60'
DATE: 12/29/99



Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 1 (El=499.77) was set on the northwest bonnet bolt of the fire hydrant at the southeast corner of Spencer Street and Lake Avenue.

Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant at the northerly corner of Cliff Street and Ambrose Street.

100 0 100 200

Scale 1" = 100'

General Notes:

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

file 5388-3.dwg

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-10

NYSDEC REVISION: 3/05/01 BY GBM

PROJECT NO.: 29-4-5388

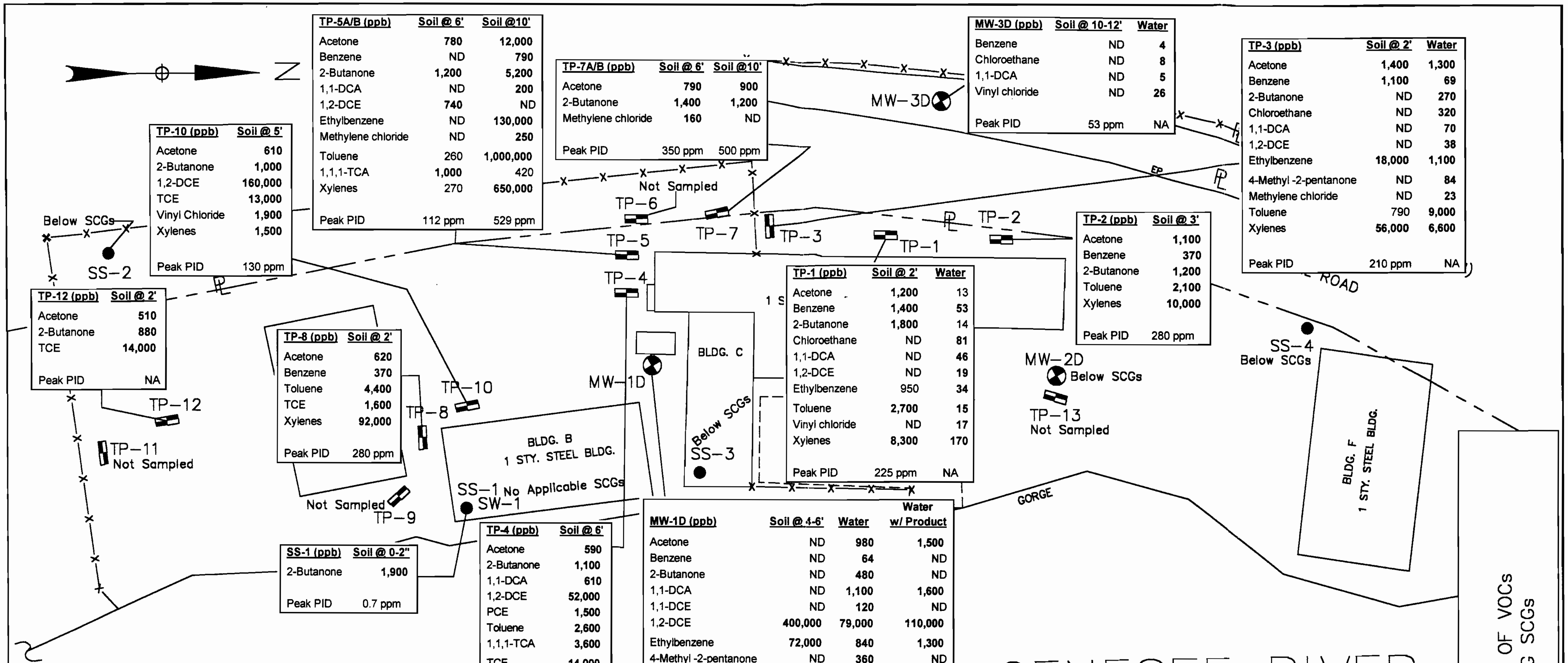
PROJECT:
ROCHESTER METAL ETCHING &
FORMER RAECO PRODUCTS SITES
ROCHESTER, NEW YORK

TITLE:
FIGURE 3B
GROUNDWATER CONTOUR MAP
RAECO & 10 WHITE STREET SITES
FEBRUARY 08, 2000

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0159

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=100'
DATE: 12/29/99

TITLE:
FIGURE 3B
GROUNDWATER CONTOUR MAP
RAECO & 10 WHITE STREET SITES
FEBRUARY 08, 2000



TP-5A/B (ppb)	Soil @ 6'	Soil @10'
Acetone	780	12,000
Benzene	ND	790
2-Butanone	1,200	5,200
1,1-DCA	ND	200
1,2-DCE	740	ND
Ethylbenzene	ND	130,000
Methylene chloride	ND	250
Toluene	260	1,000,000
1,1,1-TCA	1,000	420
Xylenes	270	650,000
Peak PID	112 ppm	529 ppm

TP-7A/B (ppb)	Soil @ 6'	Soil @10'
Acetone	790	900
2-Butanone	1,400	1,200
Methylene chloride	160	ND
Peak PID	350 ppm	500 ppm

MW-3D (ppb)	Soil @ 10-12'	Water
Benzene	ND	4
Chloroethane	ND	8
1,1-DCA	ND	5
Vinyl chloride	ND	26
Peak PID	53 ppm	NA

TP-3 (ppb)	Soil @ 2'	Water
Acetone	1,400	1,300
Benzene	1,100	69
2-Butanone	ND	270
Chloroethane	ND	320
1,1-DCA	ND	70
1,2-DCE	ND	38
Ethylbenzene	18,000	1,100
4-Methyl -2-pentanone	ND	84
Methylene chloride	ND	23
Toluene	790	9,000
Xylenes	56,000	6,600
Peak PID	210 ppm	NA

TP-10 (ppb)	Soil @ 5'
Acetone	610
2-Butanone	1,000
1,2-DCE	160,000
TCE	13,000
Vinyl Chloride	1,900
Xylenes	1,500
Peak PID	130 ppm

TP-12 (ppb)	Soil @ 2'
Acetone	510
2-Butanone	880
TCE	14,000
Peak PID	NA

TP-8 (ppb)	Soil @ 2'
Acetone	620
Benzene	370
Toluene	4,400
TCE	1,600
Xylenes	92,000
Peak PID	280 ppm

TP-2 (ppb)	Soil @ 3'
Acetone	1,100
Benzene	370
2-Butanone	1,200
Toluene	2,100
Xylenes	10,000
Peak PID	280 ppm

TP-1 (ppb)	Soil @ 2'	Water
Acetone	1,200	13
Benzene	1,400	53
2-Butanone	1,800	14
Chloroethane	ND	81
1,1-DCA	ND	46
1,2-DCE	ND	19
Ethylbenzene	950	34
Toluene	2,700	15
Vinyl chloride	ND	17
Xylenes	8,300	170
Peak PID	225 ppm	NA

SS-1 (ppb)	Soil @ 0-2"
2-Butanone	1,900
Peak PID	0.7 ppm

TP-4 (ppb)	Soil @ 6'
Acetone	590
2-Butanone	1,100
1,1-DCA	610
1,2-DCE	52,000
PCE	1,500
Toluene	2,600
1,1,1-TCA	3,600
TCE	14,000
Vinyl Chloride	1,800
Xylenes	2,200
Peak PID	76 ppm

MW-1D (ppb)	Soil @ 4-6'	Water	Water w/ Product
Acetone	ND	980	1,500
Benzene	ND	64	ND
2-Butanone	ND	480	ND
1,1-DCA	ND	1,100	1,600
1,1-DCE	ND	120	ND
1,2-DCE	400,000	79,000	110,000
Ethylbenzene	72,000	840	1,300
4-Methyl -2-pentanone	ND	360	ND
Methylene chloride	1,500	ND	ND
PCE	2,800	ND	ND
Toluene	97,000	8,300	13,000
1,1,1-TCA	7,600	530	850
TCE	18,000	ND	ND
Vinyl chloride	ND	6,200	11,000
Xylenes	240,000	2,700	5,100
Peak PID	885 ppm	NA	NA

Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes:

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

Legend

Monitoring Well

Test Pit

N/F Now or Formerly

20 0 20 40 80

Scale 1" = 40'

file 5388-1.dwg

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/28/01 by GBM

PROJECT NO.: 29-4-5388

PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 4
SUMMARY OF VOCs
EXCEEDING SCGs

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0159

PROJECT ENGINEER: MFI

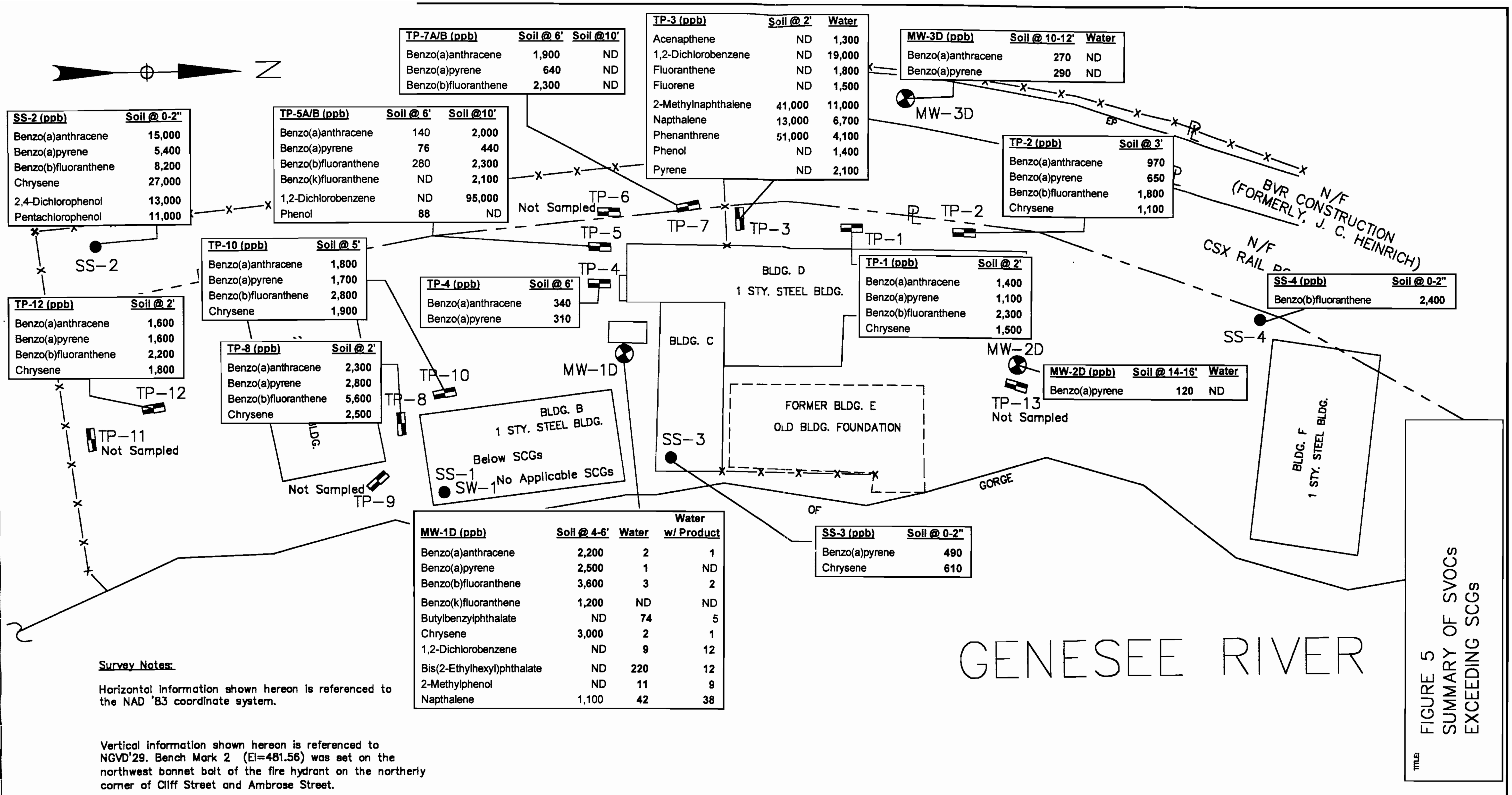
DRAFTED BY: RSB

CHECKED BY: MFI

SCALE: 1"=40'

DATE: 12/29/99

TITLE: FIGURE 4 SUMMARY OF VOCs EXCEEDING SCGs



TP-7A/B (ppb)	Soil @ 6'	Soil @10'
Benzo(a)anthracene	1,900	ND
Benzo(a)pyrene	640	ND
Benzo(b)fluoranthene	2,300	ND

TP-3 (ppb)	Soil @ 2'	Water
Acenapthene	ND	1,300
1,2-Dichlorobenzene	ND	19,000
Fluoranthene	ND	1,800
Fluorene	ND	1,500
2-Methylnaphthalene	41,000	11,000
Napthalene	13,000	6,700
Phenanthrene	51,000	4,100
Phenol	ND	1,400
Pyrene	ND	2,100

MW-3D (ppb)	Soil @ 10-12'	Water
Benzo(a)anthracene	270	ND
Benzo(a)pyrene	290	ND

SS-2 (ppb)	Soil @ 0-2"
Benzo(a)anthracene	15,000
Benzo(a)pyrene	5,400
Benzo(b)fluoranthene	8,200
Chrysene	27,000
2,4-Dichlorophenol	13,000
Pentachlorophenol	11,000

TP-5A/B (ppb)	Soil @ 6'	Soil @10'
Benzo(a)anthracene	140	2,000
Benzo(a)pyrene	76	440
Benzo(b)fluoranthene	280	2,300
Benzo(k)fluoranthene	ND	2,100
1,2-Dichlorobenzene	ND	95,000
Phenol	88	ND

TP-2 (ppb)	Soil @ 3'
Benzo(a)anthracene	970
Benzo(a)pyrene	650
Benzo(b)fluoranthene	1,800
Chrysene	1,100

TP-10 (ppb)	Soil @ 5'
Benzo(a)anthracene	1,800
Benzo(a)pyrene	1,700
Benzo(b)fluoranthene	2,800
Chrysene	1,900

TP-4 (ppb)	Soil @ 6'
Benzo(a)anthracene	340
Benzo(a)pyrene	310

TP-1 (ppb)	Soil @ 2'
Benzo(a)anthracene	1,400
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	2,300
Chrysene	1,500

SS-4 (ppb)	Soil @ 0-2"
Benzo(b)fluoranthene	2,400

TP-12 (ppb)	Soil @ 2'
Benzo(a)anthracene	1,600
Benzo(a)pyrene	1,600
Benzo(b)fluoranthene	2,200
Chrysene	1,800

TP-8 (ppb)	Soil @ 2'
Benzo(a)anthracene	2,300
Benzo(a)pyrene	2,800
Benzo(b)fluoranthene	5,600
Chrysene	2,500

MW-2D (ppb)	Soil @ 14-16'	Water
Benzo(a)pyrene	120	ND

MW-1D (ppb)	Soil @ 4-6'	Water	Water w/ Product
Benzo(a)anthracene	2,200	2	1
Benzo(a)pyrene	2,500	1	ND
Benzo(b)fluoranthene	3,600	3	2
Benzo(k)fluoranthene	1,200	ND	ND
Butylbenzylphthalate	ND	74	5
Chrysene	3,000	2	1
1,2-Dichlorobenzene	ND	9	12
Bis(2-Ethylhexyl)phthalate	ND	220	12
2-Methylphenol	ND	11	9
Napthalene	1,100	42	38

SS-3 (ppb)	Soil @ 0-2"
Benzo(a)pyrene	490
Chrysene	610

Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes:

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

Legend

- Monitoring Well
- Test Pit
- N/F Now or Formerly

20 0 20 40 80

Scale 1" = 40'

file 5388-1.dwg

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/28/01 by GBM

PROJECT NO.: 29-4-5388

PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 5
SUMMARY OF SVOCs
EXCEEDING SCGs

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0159

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=40'
DATE: 12/29/99

TITLE: FIGURE 5 SUMMARY OF SVOCs EXCEEDING SCGs

N

TP-3 (ppb)	Soil @ 2'	Water
alpha-BHC	ND	0.65
Dieldrin	13	0.54
4,4'-DDD	ND	6.1
4,4'-DDE	ND	2.5
Endosulfan II (Beta)	ND	3.4
Endosulfan sulfate	ND	3.5
Endrin	300	0.49
Methoxychlor	ND	46
PCB-1254	ND	74

TP-7A/B (ppb)	Soil @ 6'	Soil @10'
Endrin	220	99

SS-2 (ppb)	Soil @ 0-2"
Dieldrin	990
Endrin	380

TP-5A/B (ppb)	Soil @ 6'	Soil @10'
Endrin	250	200

TP-10 (ppb)	Soil @ 5'
Endrin	120

TP-4 (ppb)	Soil @ 6'
Endrin	210

TP-8 (ppb)	Soil @ 2'
Endrin	200

TP-2 (ppb)	Soil @ 3'
Endrin	560

Below SCGs MW-3D

Below SCGs MW-2D

Below SCGs SS-4

Below SCGs TP-2

Below SCGs TP-1

Below SCGs SS-3

Below SCGs TP-12

Below SCGs SS-1

No Applicable SCGs SW-1

Not Sampled TP-6

Not Sampled TP-13

Not Sampled TP-11

Not Sampled TP-9

SS-2

TP-7

TP-3

TP-5

TP-4

TP-10

TP-8

MW-1D

BVR CONSTRUCTION (FORMERLY, J. C. HEINRICH)

N/F CSX RAIL ROAD

BLDG. D
1 STY. STEEL BLDG.

BLDG. C

BLDG. B
1 STY. STEEL BLDG.

FORMER BLDG. E
OLD BLDG. FOUNDATION

BLDG. A
FRAME BLDG.

BLDG. F
1 STY. STEEL BLDG.

GORGE

TOP OF

MW-1D (ppb)	Soil @ 4-6'	Water	Water w/ Product
Endosulfan sulfate	1.9	0.1	ND

GENESEE RIVER

FIGURE 6
SUMMARY OF PESTICIDES/PCBs
EXCEEDING SCGs

Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes:

No underground utility survey was performed.

No boundary survey was performed, ROW and Property lines were developed from tax maps, and are approximate.

Legend

- Monitoring Well
- Test Pit
- N/F Now or Formerly

20 0 20 40 80

Scale 1" = 40'

file 5388-1.dwg

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/28/01 by GBM

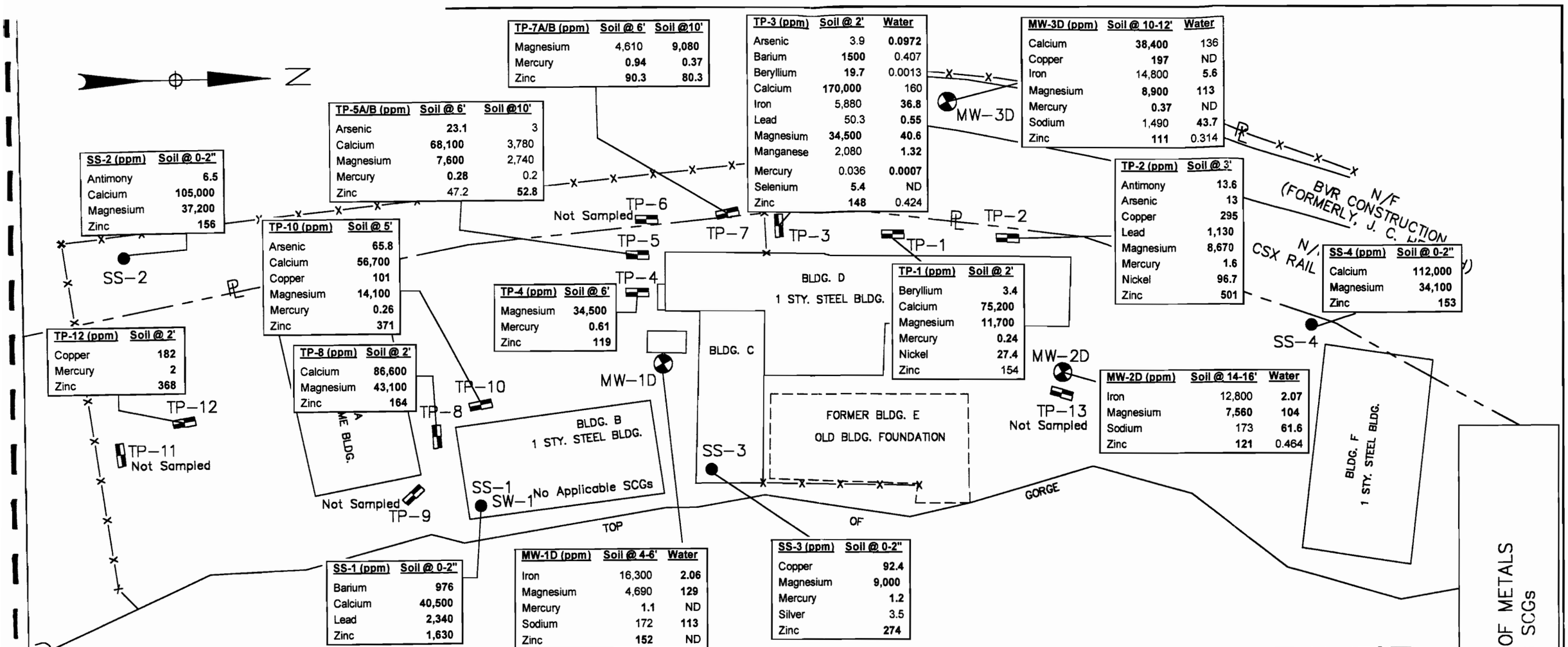
PROJECT NO.: 29-4-5388

PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 6
SUMMARY OF PESTICIDES/PCBs
EXCEEDING SCGs

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0139

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=40'
DATE: 12/29/99



Survey Notes:

Horizontal information shown hereon is referenced to the NAD '83 coordinate system.

Vertical information shown hereon is referenced to NGVD'29. Bench Mark 2 (El=481.56) was set on the northwest bonnet bolt of the fire hydrant on the northerly corner of Cliff Street and Ambrose Street.

General Notes:

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Legend

- Monitoring Well
- Test Pit
- N/F Now or Formerly

20 0 20 40 80

Scale 1" = 40'

file 5388-1.dwg

EPA SITE INVESTIGATION WORK ASSIGNMENT No. D003666-16

NYSDEC REVISION: 2/28/01 by GBM

PROJECT NO.: 29-4-5388

PROJECT: FORMER RAECO PRODUCTS SITE
24 SPENCER STREET
ROCHESTER, NEW YORK

TITLE: FIGURE 7
SUMMARY OF METALS
EXCEEDING SCGs

LARSEN ENGINEERS
700 WEST METRO PARK, ROCHESTER, NEW YORK 14623-2678
(716)272-7310 FAX (716)272-0139

PROJECT ENGINEER: MFI
DRAFTED BY: RSB
CHECKED BY: MFI
SCALE: 1"=40'
DATE: 12/29/99

TITLE: FIGURE 7
SUMMARY OF METALS
EXCEEDING SCGs

TABLES

TABLE 1
SOIL SCREENING SUMMARY

Sample Location	Total Depth	PID Screening Results		Comments/Observations	Material Description
		Depth*	Reading (ppm)		
SS-1	2"	0-2" (L)	0.7	Under southeast corner of Bldg. B near tank cradles	Surface soil - generally gravel with silt and sand
SS-2	2"	0-2" (L)	NA	Former aboveground tank location	
SS-3	2"	0-2" (L)	NA	Under southeast corner of Bldg. C	
SS-4	2"	0-2" (L)	NA	Dark staining (appears fairly recent)	
TP-1	6'	2' (L)	225	Glass and blue dye (or paint) and petroleum odor noted from 2-5'. Little water encountered (only able to collect VOC water sample).	General Stratigraphy in Test Pits: GRAVEL w/ silt and sand - 0" to 6"-24" Silty SAND/GRAVEL fill - to 5'-8' CLAY/BEDROCK - to bottom
TP-2	6'	3' (L)	280	RR track debris and strong petroleum odors noted. Very little water encountered (not enough to sample).	
TP-3	8'	2' (L)	210	Dark staining to 3'. Product in water at bottom (water samples collected for full list of analyses).	
TP-4	8'	6' (L)	76	No water encountered.	
TP-5	10'	6' (L)	112	Very little water encountered (not enough to sample).	
		9'	140		
		10' (L)	529		
TP-6	1.5'	NA	NA	Refusal at 1.5' (concrete slab) No evidence of contamination	
TP-7	10'	6' (L)	350	Very little water encountered (not enough to sample).	
		10' (L)	500		
TP-8	7'	2' (L)	280	Solvent odor in top 1'. No water encountered.	
TP-9	6'	NA	NA	No evidence of contamination. No water encountered.	
TP-10	7'	5' (L)	130	No water encountered.	
TP-11	3'	NA	NA	Refusal at 3' (possible old bldg. slab). No evidence of contamination. No water encountered.	
TP-12	3'	2' (L)	NA		
TP-13	8'	NA	NA	No evidence of contamination. No water encountered.	
MW-1D (overburden)	10'	0-2'	1.7	Dark brown	Silty SAND and fine to med. GRAVEL w/ brick and cement fragments
		2-4'	450	Black staining	Silty SAND and GRAVEL
		4-6' (L)	885		
		6-8'	250	Tan/green	Silty CLAY
		8-10'	150, 220	Tan/gray	Silty CLAY w/ shale fragments (top of bedrock at 10')
MW-2D (overburden)	16'	0-2'	1.2	Dark brown	Silty SAND and med. GRAVEL, little brick fragments
		2-4'	2.2	Black staining	
		4-6'	1.8		
		6-8'	1.5		
		8-10'	1.0	Reddish brown	Silty SAND and GRAVEL w/ wood frags.
		10-12'	0	Light brown/tan	Silty CLAY w/ little gravel
		12-14'	0	Gray	CEMENT/CONCRETE
		14-16' (L)	45	Light gray/tan, solvent odor	Silty CLAY (top of bedrock at 16')
MW-3D (overburden)	22'	0-2'	0.5	Gray	Asphalt/gravel (road) to 6", silty sandy CLAY and med. GRAVEL
		2-4'	0.3		
		4-6'	0.5	Dark brown (sand and gravel) Gray (clay)	Silty SAND and GRAVEL w/ wood frags. (4'-7'). Silty CLAY w/ brick frags. (7'-8')
		6-8'	0.5		
		8-10'	NA	No recovery (cobble in shoe)	No recovery
		10-12' (L)	53	Dark brown	Silty SAND and med. GRAVEL w/ brick fragments
		12-14'	20	Tan	Silty CLAY and GRAVEL
		14-16'	0	Gray/tan	Silty CLAY, little sand and organic matter
		16-18'	2.0	Black (coal ash) Gray (clay)	COAL ASH and wood fragments Silty CLAY w/ organics and elec. wire
		18-20'	0	Light gray/tan	SILT w/ trace sand (top of bedrock at 22')
		20-22'	0		

* (L) indicates that a soil sample was collected for laboratory analysis at this depth.

TABLE 2
WELL CONSTRUCTION AND GROUNDWATER MONITORING SUMMARY

		MW-1D	MW-2D	MW-3D
Flush Mount Elevation[1]		481.13	480.08	481.12
Top of Casing Elevation[1]		480.78	479.85	480.86
Depth to Weathered Bedrock[2]		10' (471 ±)	16' (464 ±)	22' (459 ±)
Depth to Competent Bedrock[2]		13' (468 ±)	17.5' (462.5 ±)	24' (457 ±)
Depth to Bottom of Casing/Rock Socket[2]		17' (464 ±)	20' (460 ±)	27' (454 ±)
Depth to Bottom of Bedrock Core/ Total Well Depth[2]		36' (445 ±)	46.5' (433.5 ±)	46' (435 ±)
Depth to Product Layer (2/8/00)[3]		19.84' (460.94)	No Product	No Product
Depth to Groundwater (2/8/00)[3]		19.85' (460.93)	42.20' (437.65)	28.10' (452.76)
Field Monitoring Parameters[4]	pH	7.4	7.2	7.6
	Specific Conductivity (µS/cm)	1,800	1,200	1,100
	Turbidity (NTUs)	21.2	13.0	9.6
	Temperature (°C)	11.6	11.4	9.7

Notes

1. Flush mount and top of casing elevations recorded in feet above Mean Sea Level during Site Survey (12/20/99 - 12/22/99).
2. Measured in feet (±) below ground surface during well installation (11/11/99 - 11/30/99). Approximate elevations shown in parentheses.
3. Measured in feet below top of casing elevation (2/8/00). Elevations shown in parentheses.
4. Field monitoring parameters were recorded at the time of groundwater sample collection on 2/8/00.

µS/cm = microSiemens per centimeter
NTUs =nephelometric turbitity units
°C = degrees Celcius

TABLE 3A
SUMMARY OF DETECTED VOCs
IN SOIL SAMPLES

Detected VOCs	Sample ID:	SS-1	SS-2	SS-3	SS-4	SS-4 FD	TP-1	TP-2	TP-3	TP-4	TP-5A	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	0-2"	0-2"	0-2"	0-2"	0-2"	2'	3'	2'	6'	6'	
	Date:	11/08/99	11/10/99	11/11/99	11/11/99	11/11/99	11/08/99	11/10/99	11/10/99	11/10/99	11/10/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
Acetone		<1,600	<11	<13	22	12	**1,200 J**	**1,100 J**	**1,400 J**	**590 J**	**780 J**	200
Benzene		<1,600	<11	<13	<11	<12	**1,400 J**	**370 J**	**1,100 J**	<1,400	<1,500	60
2-Butanone		**1,900**	<11	<13	<11	<12	**1,800**	**1,200 J**	<1,600	**1,100 J**	**1,200 J**	300
Carbon disulfide		<1,600	<11	<13	<11	<12	<1,500	<1,700	180 J	<1,400	<1,500	2,700
1,1-Dichloroethane		<1,600	<11	<13	<11	<12	<1,500	<1,700	<1,600	**610 J**	<1,500	200
1,2-Dichloroethene (total)		<1,600	2 J	130	<11	3 J	<1,500	<1,700	<1,600	**52,000**	**740 J**	300
Ethylbenzene		<1,600	<11	<13	<11	<12	950 J	<1,700	**18,000**	570 J	<1,500	5,500
Methylene chloride		<1,600	5 BJ	6 BJ	4 BJ	10 BJ	<1,500	<1,700	<1,600	<1,400	<1,500	100
4-Methyl-2-pentanone		<1,600	16	<13	<11	<12	<1,500	<1,700	<1,600	<1,400	<1,500	1,000
Tetrachloroethene		<1,600	<11	<13	<11	<12	<1,500	<1,700	<1,600	**1,500**	<1,500	1,400
Toluene		<1,600	2 BJ	<13	<11	<12	**2,700**	**2,100**	**790 J**	**2,600**	260 J	1,500
1,1,1-Trichloroethane		<1,600	<11	<13	<11	<12	<1,500	<1,700	<1,600	**3,600**	**1,000 J**	800
Trichloroethene		<1,600	<11	<13	<11	<12	<1,500	<1,700	<1,600	**14,000**	300 J	700
Vinyl chloride		<1,600	<11	<13	<11	<12	<1,500	<1,700	<1,600	**1,800**	<1,500	200
Xylenes (total)		<1,600	<11	<13	<11	<12	**8,300**	**10,000**	**56,000**	**2,200**	270 J	1,200
Sum of Detected VOCs		1,900	25	136	26	25	16,350	14,770	77,470	80,570	4,550	

Notes

VOCs = Volatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-1.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank.

D - Compound was detected at a secondary dilution factor

J - The result is less than the sample quanitation limit and is an estimated value

TABLE 3A (Continued)
SUMMARY OF DETECTED VOCs
IN SOIL SAMPLES

Detected VOCs	Sample ID:	TP-5B	TP-7A	TP-7A FD	TP-7B	TP-8	TP-10	TP-12	MW-1D	MW-2D	MW-3D	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	10'	6'	6'	10'	2'	5'	2'	4'-6'	14'-16'	10'-12'	
	Date:	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/11/99	11/16/99	11/22/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
Acetone		**12,000**	**790 J**	**810 J**	**900 J**	**620 J**	**610 J**	**510 J**	<15,000	<12	<11	200
Benzene		**790 J**	<1,500	<1,500	<1,500	**370 J**	<1,400	<1,400	<15,000	<12	<11	60
2-Butanone		**5,200**	**1,400 J**	**1,200 J**	**1,200 J**	<1,300	**1,000 J**	**880 J**	<15,000	<12	<11	300
Carbon disulfide		<1,900	<1,500	<1,500	<1,500	<1,300	<1,400	<1,400	<15,000	<12	<11	2,700
1,1-Dichloroethane		**200 J**	<1,500	<1,500	<1,500	<1,300	<1,400	<1,400	<15,000	<12	<11	200
1,2-Dichloroethene (total)		<1,900	<1,500	<1,500	<1,500	170 J	**160,000 D**	<1,400	**400,000**	4 J	<11	300
Ethylbenzene		**130,000 D**	<1,500	<1,500	<1,500	<1,300	360 J	<1,400	**72,000**	<12	<11	5,500
Methylene chloride		**250 J**	**160 J**	<1,500	<1,500	<1,300	<1,400	<1,400	**1,500 J**	12 B	<11	100
4-Methyl-2-pentanone		<1,900	<1,500	<1,500	<1,500	<1,300	<1,400	<1,400	<15,000	<12	<11	1,000
Tetrachloroethene		<1,900	<1,500	<1,500	<1,500	<1,300	<1,400	220 J	**2,800 J**	3 J	<11	1,400
Toluene		**1,000,000 D**	720 J	320 J	660 J	**4,400**	650 J	140 J	**97,000**	9 BJ	<11	1,500
1,1,1-Trichloroethane		420 J	<1,500	<1,500	<1,500	<1,300	<1,400	<1,400	**7,600 J**	<12	<11	800
Trichloroethene		<1,900	<1,500	<1,500	<1,500	**1,600**	**13,000**	**14,000**	**18,000**	72	<11	700
Vinyl chloride		<1,900	<1,500	<1,500	<1,500	<1,300	**1,900**	<1,400	<15,000	<12	<11	200
Xylenes (total)		**650,000 D**	750 J	**1,900**	1,100 J	**92,000 D**	**1,500**	160 J	**240,000**	<12	<11	1,200
Sum of Detected VOCs		1,798,860	3,820	4,230	3,860	99,160	179,020	15,910	838,900	100	ND	

Notes

VOCs = Volatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-1.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank.

D - Compound was detected at a secondary dilution factor

J - The result is less than the sample quanitation limit and is an estimated value

TABLE 3B
SUMMARY OF DETECTED SVOCs
IN SOIL SAMPLES

Detected SVOCs	Sample ID:	SS-1	SS-2	SS-3	SS-4	SS-4 FD	TP-1	TP-2	TP-3	TP-4	TP-5A	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	0-2"	0-2"	0-2"	0-2"	0-2"	2'	3'	2'	6'	6'	
	Date:	11/08/99	11/10/99	11/11/99	11/11/99	11/11/99	11/08/99	11/10/99	11/10/99	11/10/99	11/10/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
Acenapthene		<8,900	2,300 J	<4,200	<16,000	<6,600	2,100 J	1,600 J	<4,500	<1,900	<420	50,000
Anthracene		<8,900	6,000 J	<4,200	<16,000	<6,600	920 J	800 J	12,000	<1,900	60 J	50,000
Benzo(a)anthracene		<8,900	**15,000**	<4,200	<16,000	<6,600	**1,400 J**	**970 J**	<4,500	**340 J**	140 J	224 or MDL
Benzo(a)pyrene		<8,900	**5,400 J**	**490 J**	<16,000	<6,600	**1,100 J**	**650 J**	<4,500	**310 J**	**76 J**	61 or MDL
Benzo(b)fluoranthene		<8,900	**8,200 J**	1,000 J	**2,400 J**	**1,900 J**	**2,300 J**	**1,800 J**	<4,500	690 J	280 J	1,100
Benzo(g,h,i)perylene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	50,000
Benzo(k)fluoranthene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	1,100
Butylbenzylphthalate		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	50,000
Carbazole		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	50,000
Chrysene		<8,900	**27,000**	**610 J**	<16,000	**1,000 J**	**1,500 J**	**1,100 J**	<4,500	390 J	160 J	400
Dibenzofuran		<8,900	2,300 J	<4,200	<16,000	<6,600	<7,900	1,000 J	<4,500	<1,900	72 J	6,200
1,2-Dichlorobenzene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	7,900
1,3-Dichlorobenzene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	1,600
1,4-Dichlorobenzene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	8,500
2,4-Dichlorophenol		<8,900	**13,000 J**	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	400
bis(2-Ethylhexyl)phthalate		<8,900	1,700 J	<4,200	7,800 J	3,100 J	<7,900	<4,400	<4,500	<1,900	98 J	50,000
Fluoranthene		1,200 J	15,000	710 J	1,800 J	1,400 J	3,900 J	3,500 J	<4,500	740 J	200 J	50,000
Fluorene		<8,900	4,200 J	<4,200	<16,000	<6,600	1,800 J	1,700 J	<4,500	<1,900	110 J	50,000
Indeno(1,2,3-c,d)pyrene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	3,200
2-Methylnaphthalene		<8,900	2,400 J	810 J	<16,000	<6,600	4,000 J	650 J	**41,000 E**	<1,900	<420	36,400
N-Nitrosodiphenylamine		<8,900	4,400 J	<4,200	<16,000	<6,600	2,100 J	960 J	<4,500	<1,900	120 J	50,000
Naphthalene		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	1,700 J	**13,000**	<1,900	<420	13,000
di-n-Octylphthalate		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	<420	50,000
Pentachlorophenol		<22,000	**11,000 J**	<10,000	<39,000	<16,000	<19,000	<11,000	<11,000	<4,700	<1,000	1,000 or MDL
Phenanthrene		<8,900	27,000	530 J	<16,000	<6,600	2,200 J	2,800 J	**51,000 E**	500 J	310 J	50,000
Phenol		<8,900	<15,000	<4,200	<16,000	<6,600	<7,900	<4,400	<4,500	<1,900	**88 J**	30 or MDL
Pyrene		1,700 J	39,000	740 J	2,200 J	1,800 J	4,900 J	3,400 J	<4,500	590 J	440	50,000
Sum of Detected SVOCs		2,900	183,900	4,890	14,200	9,200	28,220	22,630	117,000	3,560	2,154	

Notes

SVOCs = Semivolatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-2.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank

D - Compound was detected at a secondary dilution factor

E - The result exceeds the instrument calibration range and is an estimated value

J - The result is less than the sample quanitation limit and is an estimated value

TABLE 3B (Continued)
SUMMARY OF DETECTED SVOCs
IN SOIL SAMPLES

Detected SVOCs	Sample ID:	TP-5B	TP-7A	TP-7A FD	TP-7B	TP-8	TP-10	TP-12	MW-1D	MW-2D	MW-3D	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	10'	6'	6'	10'	2'	5'	2'	4'-6'	14'-16'	10'-12'	
	Date:	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/11/99	11/16/99	11/22/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
Acenapthene		3,100	<1,900	890 J	280 J	<7,300	<7,500	<1,800	560 J	<360	62 J	50,000
Anthracene		<2,500	760 J	340 J	<1,900	<7,300	<7,500	320 J	430 J	71 J	180 J	50,000
Benzo(a)anthracene		**2,000 J**	**1,900**	**450 J**	<1,900	**2,300 J**	**1,800 J**	**1,600 J**	**2,200 J**	110 J	**270 J**	224 or MDL
Benzo(a)pyrene		**440 J**	**640 J**	**220 J**	<1,900	**2,800 J**	**1,700 J**	**1,600 J**	**2,500 J**	**120 J**	**290 J**	61 or MDL
Benzo(b)fluoranthene		**2,300 J**	**1,700 J**	660 J	<1,900	**5,600 J**	**2,800 J**	**2,200**	**3,600**	210 J	350 J	1,100
Benzo(g,h,i)perylene		<2,500	<1,900	<2,000	<1,900	840 J	<7,500	700 J	580 J	43 J	65 J	50,000
Benzo(k)fluoranthene		**2,100 J**	<1,900	<2,000	<1,900	<7,300	<7,500	620 J	**1,200 J**	59 J	130 J	1,100
Butylbenzylphthalate		<2,500	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	50,000
Carbazole		350 J	<1,900	<2,000	<1,900	<7,300	<7,500	190 J	<3,200	<360	<370	50,000
Chrysene		**<2,500**	**<1,900**	**470 J**	**<1,900**	**2,500 J**	**1,900 J**	**1,800**	**3,000 J**	130 J	300 J	400
Dibenzofuran		<2,500	<1,900	560 J	250 J	<7,300	<7,500	<1,800	630 J	<360	46 J	6,200
1,2-Dichlorobenzene		**95,000 D**	<1,900	<2,000	860 J	<7,300	<7,500	<1,800	<3,200	<360	<370	7,900
1,3-Dichlorobenzene		790 J	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	1,600
1,4-Dichlorobenzene		4,100	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	8,500
2,4-Dichlorophenol		<2,500	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	400
bis(2-Ethylhexyl)phthalate		<2,500	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	150 BJ	180 J	50,000
Fluoranthene		1,900 J	2,900	1,300 J	310 J	4,200 J	3,900 J	3,400	4,300	270 J	900	50,000
Fluorene		4,400 J	2,200	1,000 J	440 J	<7,300	980 J	<1,800	970 J	<360	97 J	50,000
Indeno(1,2,3-c,d)pyrene		<2,500	<1,900	<2,000	<1,900	780 J	<7,500	670 J	580 J	<360	65 J	3,200
2-Methylnaphthalene		12,000	310 J	230 J	2,600	4,400 J	<7,500	<1,800	1,400 J	77 J	<370	36,400
N-Nitrosodiphenylamine		<2,500	<1,900	240 J	390 J	<7,300	1,000 J	<1,800	470 J	<360	<370	50,000
Naphthalene		12,000	<1,900	<2,000	<1,900	6,500 J	<7,500	<1,800	1,100 J	77 J	<370	13,000
di-n-Octylphthalate		2,200 J	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	50,000
Pentachlorophenol		<6,200	<4,700	<4,800	<4,700	<18,000	<18,000	<4,400	<7,800	<870	<900	1,000 or MDL
Phenanthrene		7,400	3,800	1,900	860 J	2,000 J	2,500 J	1,900	2,500 J	120 J	590	50,000
Phenol		<2,500	<1,900	<2,000	<1,900	<7,300	<7,500	<1,800	<3,200	<360	<370	30 or MDL
Pyrene		4,200	3,300	1,300 J	330 J	4,900 J	4,300 J	3,300	3,700	230 J	720	50,000
Sum of Detected SVOCs		154,280	17,510	9,560	6,320	36,820	20,880	18,300	29,720	1,667	4,245	

Notes

SVOCs = Semivolatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-2.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank

D - Compound was detected at a secondary dilution factor

E - The result exceeds the instrument calibration range and is an estimated value

J - The result is less than the sample quanitation limit and is an estimated value

TABLE 3C
SUMMARY OF DETECTED PESTICIDES/PCBs
IN SOIL SAMPLES

Detected Pesticides	Sample ID:	SS-1	SS-2	SS-3	SS-4	SS-4 FD	TP-1	TP-2	TP-3	TP-4	TP-5A	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	0-2"	0-2"	0-2"	0-2"	0-2"	2'	3'	2'	6'	6'	
	Date:	11/08/99	11/10/99	11/11/99	11/11/99	11/11/99	11/08/99	11/10/99	11/10/99	11/10/99	11/10/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
alpha-BHC		<23	<380	<11	<8.4	<8.3	<21	<11	<22	<4.0	<2.1	110
gamma-BHC (Lindane)		<23	<380	<11	<8.4	<8.3	<21	<11	<22	<4.0	<2.1	60
Chlordane (alpha & gamma)		<23	<380	<11	<8.4	<8.3	<21	<11	<22	<4.0	<2.1	540
4,4'-DDD		<44	160 JP	<21	<16	<16	<40	<22	<43	<7.8	<4.2	2,900
4,4'-DDE		<44	<730	<21	<16	13 JP	<40	<22	<43	<7.8	<4.2	2,100
4,4'-DDT		<44	140 JP	<21	<16	19	<40	<22	<43	<7.8	<4.2	2,100
Dieldrin		<44	**990 P**	<21	<16	<16	<40	13 J	13 JP	19	7.7 P	44
Endosulfan I (Alpha)		<23	<380	<11	<8.4	<8.3	<21	<11	<22	<4.0	<2.1	900
Endosulfan II (Beta)		<44	400 JP	9.9 J	<16	<16	<40	<22	<43	<7.8	<4.2	900
Endosulfan sulfate		<44	<730	13 JP	<16	<16	<40	<22	<43	<7.8	<4.2	1,000
Endrin		18 BJP	**380 BJP**	16 BJ	12 BJ	16 BJ	<40	**560 B**	**300 B**	**210 B**	**250 B**	100
Endrin aldehyde		<44	<730	64 BP	<16	9.5 BJP	<40	<22	30 BJP	10 B	10 B	NS
Endrin ketone		<44	<730	<21	<16	4.8 BJP	<40	19 BJP	20 BJ	10 BP	26 B	NS
Methoxychlor		<230	<3,800	<110	<84	<83	<210	<110	<220	<40	<21	10,000
Sum of Detected Pesticides		18	2,070	102.9	12	62.3	ND	592	363	249	293.7	

Notes

PCBs = Polychlorinated biphenyls. Pesticides and PCBs were analyzed by NYS Contract Laboratory Protocol ASP #95-3. No PCBs were detected.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank.

D - Compound was detected at a secondary dilution factor

J - The result is less than the sample quanitation limit and is an estimated value

P - Greater than 25% difference for detected concentrations between the two GC columns; the lower value is reported.

TABLE 3C (Continued)
SUMMARY OF DETECTED PESTICIDES/PCBs
IN SOIL SAMPLES

Detected Pesticides	Sample ID:	TP-5B	TP-7A	TP-7A FD	TP-7B	TP-8	TP-10	TP-12	MW-1D	MW-2D	MW-3D	NYSDEC Soil Guidance Value (TAGM 4046)
	Depth:	10'	6'	6'	10'	2'	5'	2'	4'-6'	14'-16'	10'-12'	
	Date:	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/11/99	11/16/99	11/22/99	
	Units:	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)	(µg/Kg)
alpha-BHC		<10	<2.0	<10	<2.0	<19	<3.8	<1.9	<1.7	<2.2	0.72 JP	110
gamma-BHC (Lindane)		<10	<2.0	<10	<2.0	<19	<3.8	<1.9	<1.7	<2.2	6.4 P	60
Chlordane (alpha & gamma)		<10	3.0 P	<10	<2.0	<19	<3.8	<1.9	<1.7	<2.2	<1.9	540
4,4'-DDD		<20	<3.8	<20	<3.9	<36	<7.4	2.2 J	<3.3	5.5	<3.7	2,900
4,4'-DDE		<20	<3.8	<20	<3.9	<36	<7.4	<3.7	<3.3	1.1 J	0.91 JP	2,100
4,4'-DDT		<20	2.6 JP	<20	0.6 JP	64	2.9 J	8.5	1.1 JP	4.1 JP	<3.7	2,100
Dieldrin		11 JP	11	7.7 J	1.9 JP	<36	3.7 JP	1.8 J	<3.3	3.9 JP	<3.7	44
Endosulfan I (Alpha)		<10	<2.0	<10	<2.0	<19	<3.8	<1.9	<1.7	<2.2	<1.9	900
Endosulfan II (Beta)		11 JP	1.8 JP	<20	0.97 JP	<36	<7.4	<3.7	<3.3	<4.3	<3.7	900
Endosulfan sulfate		24	4.2	<20	<3.9	<36	<7.4	<3.7	1.9 JP	2.5 JP	<3.7	1,000
Endrin		**200 B**	**220 B**	**180 B**	99 B	**200 B**	**120 B**	30 B	4.3 B	66 B	5.6 BP	100
Endrin aldehyde		66 BP	8.2 BP	9.3 BJP	5.5 BP	19 BJP	2.7 BJP	0.96 BJP	**6.6 BP**	**8.4 BP**	**<3.7**	NS
Endrin ketone		6.0 BJP	5.7 B	10 BJ	2.4 BJ	26 BJP	9.4 B	3.0 BJP	0.77 BJP	3.2 BJP	2.7 BJP	NS
Methoxychlor		<100	2.9 JP	<100	<20	<190	<38	7.8 JP	<17	<22	4.2 JP	10,000
Sum of Detected Pesticides		318.0	259.4	207.0	110.37	309	138.7	54.26	14.67	94.7	20.53	

Notes

PCBs = Polychlorinated biphenyls. Pesticides and PCBs were analyzed by NYS Contract Laboratory Protocol ASP #95-3. No PCBs were detected.

µg/Kg = micrograms per kilogram; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank.

D - Compound was detected at a secondary dilution factor

J - The result is less than the sample quanitation limit and is an estimated value

P - Greater than 25% difference for detected concentrations between the two GC columns; the lower value is reported.

TABLE 3D
SUMMARY OF DETECTED METALS
IN SOIL SAMPLES

Detected Metals	Sample ID:	SS-1	SS-2	SS-3	SS-4	SS-4 FD	TP-1	TP-2	TP-3	TP-4	TP-5A	NYSDEC Soil Guidance Value** (TAGM 4046)
	Depth:	0-2"	0-2"	0-2"	0-2"	0-2"	2'	3'	2'	6'	6'	
	Date:	11/08/99	11/10/99	11/11/99	11/11/99	11/11/99	11/08/99	11/10/99	11/10/99	11/10/99	11/10/99	
	Units:	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
Aluminum		3,400 *	7,060 *	5760 *	3,850 *	3,000 *	16,200 *	5560 *	48,100 *	7,630 *	5,010	SB (33,000)
Antimony		<2.4	**6.5 BN**	1.7 BN	<1.3 N	1.5 BN	<1.7	**13.6 BN**	3.7 BN	<1.6 N	2.5 BN	SB (NA)
Arsenic		7.6	3.8	6.3	4.1	3.9	6.4	**13.0**	3.9	6.6	**23.1**	7.5 or SB (3 -12)
Barium		**976**	138	164	80.1	67.7	314	248	**1,500**	45.8 B	74.7	300 or SB (15 - 600)
Beryllium		<0.34	<0.20	0.33B	<0.19	<0.21	**3.4**	0.47 B	**19.7**	0.34 B	<0.27	0.16 or SB (0 - 1.75)
Cadmium		1.8	0.24 B	<0.19	1.4	0.63 B	<0.24	0.38 B	<0.23	<0.23	<0.27	10 or SB (0.1 - 1)
Calcium		**40,500**	**105,000 ***	23,100 *	**112,000 ***	**117,000 ***	**75,200**	34,600 *	**170,000 ***	15,500 *	**68,100**	SB (130 - 35,000)
Chromium		5.9	11.1	16.7	10.2	8.6	6.9	39.3	6.2	11.1	8.2	50 or SB (1.5 - 40)
Cobalt		5.1 B	3.3 B	6.3 B	3.2 B	2.8 B	3.8 B	5.1 B	0.79 B	6.0 B	2.9 B	30 or SB (2.5 - 60)
Copper		31	24.7	**92.4**	48.6	44.1	34.7	**295**	12.4	23	19.2	25 or SB (1 - 50)
Cyanide		0 +	0 +	0 +	0 +	0 +	0 +	0 +	0 +	0 +	0 +	NS
Iron		14,500 *	10,600 *	15,400 *	11,600 *	11,200 *	14,000 *	19,400 *	5,880 *	17,500 *	16,300	2,000 or SB (2,000 - 550,000)
Lead		**2,340**	77.9	342	98.3	99.1	261	**1,130**	50.3	45.7	56.2	SB (200 - 500 – Urban)
Magnesium		4,750	**37,200 ***	**9,000 ***	**34,100 ***	**34,600 ***	**11,700**	**8,670 ***	**34,500 ***	**7,670**	**7,600**	SB (100 - 5,000)
Manganese		330	357 *	363 *	298 *	308 *	837	414 *	2,080 *	429 *	424 *	SB (50 - 5,000)
Mercury		0.14	0.12 N	**1.2 N**	0.031 N	0.023 N	**0.24**	**1.6 N**	0.036 N	**0.61 N**	**0.28 N**	0.1 (0.001 - 0.2)
Nickel		9.9 B	10.2	12.3	12.8	9.8	**27.4**	**96.7**	1.8 B	14.7	8.3 B	13 or SB (0.5 - 25)
Potassium		674 B	1,630	1,050	997	767 B	1,060 B	697 B	4,120	908 B	862 B	SB (8,500 - 43,000)
Selenium		<1.7 N	<1.0 N	<0.94 N	<0.96 N	<1.0 N	1.5N	2.0 N	**5.4 N**	<1.1 N	1.8 N	2 or SB (0.1 - 3.9)
Silver		0.54 B	<0.20	**3.5**	0.22 B	<0.21	0.38 B	0.27 B	<0.23	<0.23	<0.27	SB (NA)
Sodium		380 B	706 B	1,300	465 B	392 B	616 B	222 B	2,170	282 B	674 B	SB (6,000 - 8,000)
Thallium		<3.4	<2.0	<1.9	<1.9	2.5	<2.4	<2.3	<2.3	<2.3	<2.7	SB (NA)
Vanadium		7.1 B	15.2	11.8	16.1	13.6	6.5 B	18.9	2.3 B	16.4	15.7	150 or SB (1 - 300)
Zinc		**1,630**	**156 ***	**274 ***	**153 ***	**132 ***	**154**	**501 ***	**148 ***	**119 ***	47.2 *	20 or SB (9 - 50)

Notes

Target Analyte List (TAL) metals were analyzed by NYS Contract Laboratory Protocol.

SB = Site background

** Eastern US Background Values per TAGM 4046 shown in parentheses

* Cyanide was analyzed by wet chemistry for this sample

mg/Kg = milligrams per killogram; equivalent to parts per million (ppm)

Bold indicates that the detected concentration meets or exceeds the referenced groundwater standard

NA = Sample not analyzed for this compound

NS = No standard available for this compound

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Inorganic Data Qualifiers

B - The value is less than the contract required detection limit.

N - The spike sample recovery is not within the control limits.

* - Duplicate analysis is not within the control limits.

TABLE 3D (Continued)
SUMMARY OF DETECTED METALS
IN SOIL SAMPLES

Detected Metals	Sample ID:	TP-5B	TP-7A	TP-7A FD	TP-7B	TP-8	TP-10	TP-12	MW-1D	MW-2D	MW-3D	NYSDEC Soil Guidance Value** (TAGM 4046)
	Depth:	10'	6'	6'	10'	2'	5'	2'	4'-6'	14'-16'	10'-12'	
	Date:	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/10/99	11/11/99	11/16/99	11/22/99	
	Units:	(µg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
Aluminum		6,520	5,890 *	7,730 *	6,180	3,920 *	4,260 *	4,700 *	6,380 *	7,150 E	8,730	SB (33,000)
Antimony		<1.4 N	2.1 BN	<1.5 N	<1.3 N	<1.3 N	1.8 BN	2.6 BN	<1.5 N	1.9 BN	1.7 B	SB (NA)
Arsenic		3.0	6.2	8.2	10.9	6.4	**65.8**	9.4	6.5	5.0	5.4	7.5 or SB (3 -12)
Barium		25.6 B	78.1	91.1	97.7	95.4	82.6	143	94.9	94.8	53.6	300 or SB (15 - 600)
Beryllium		0.22 B	0.20 B	0.34 B	0.26 B	0.22 B	<0.21	0.30 B	0.26 B	0.34 B	0.66 B	0.16 or SB (0 - 1.75)
Cadmium		0.51 B	<0.18	<0.21	<0.18	0.39 B	<0.21	<0.19	<0.22	0.24 B	<0.16	10 or SB (0.1 - 1)
Calcium		3,780 *	17,700*	20,700 *	31,300 *	**86,600 ***	**56,700 ***	19,300 *	11,400 *	24,100	**38,400**	SB (130 - 35,000)
Chromium		9.2	8.3	11.1	7.9	7.3	11.2	8.1	10.3	11.5	12.2	50 or SB (1.5 - 40)
Cobalt		6.4 B	5.4 B	6.3 B	4.1 B	2.9 B	4.5 B	5.5 B	5.9 B	4.8 B	5.3 B	30 or SB (2.5 - 60)
Copper		20.9	30.8	33.9	18	36.3	**101**	**182**	47.9	25.4	**197 E**	25 or SB (1 - 50)
Cyanide		0 +	0 +	0 +	0 +	0 +	0 +	0 +	0 +	0 +	<1.1	NS
Iron		14,200 *	11,800 *	16,000 *	12,500 *	10,000 *	24,400 *	22,000 *	16,300 *	12,800	14,800	2,000 or SB (2,000 - 550,000)
Lead		43.7	125	135	99.7	344	384	419	214	142	81.8	SB (200 - 500 – Urban)
Magnesium		2,740 *	4,610 *	**6,050 ***	**9,080 ***	**43,100 ***	**14,100 ***	4,520 *	4,690 *	**7,560**	**8,900**	SB (100 - 5,000)
Manganese		297 *	436 *	393 *	208 *	323 *	590 *	591 *	296 *	292 *	512	SB (50 - 5,000)
Mercury		0.20 N	**0.94 N**	**0.28 N**	**0.37 N**	0.12 N	**0.26 N**	**1.6 N**	**1.1 N**	0.12	**0.37**	0.1 (0.001 - 0.2)
Nickel		14.1	12.2	14.7	8.5	9.0	9.8	15.2	12.2	12.6	15.6	13 or SB (0.5 - 25)
Potassium		784 B	675 B	1,020 B	715 B	770 B	635 B	690 B	724 B	775 B	1,390	SB (8,500 - 43,000)
Selenium		<1.0 N	<0.91 N	<1.1 N	0.98 N	<0.91 N	<1.0 N	2.1 N	1.2 N	1.9	<1.1	2 or SB (0.1 - 3.9)
Silver		<0.20	<0.18	<0.21	0.22 B	<0.18	<0.21	<0.19	<0.22	0.79 B	0.46 B	SB (NA)
Sodium		433 B	155 B	167 B	145 B	299 B	805 B	266 B	172 B	173 B	1,490	SB (6,000 - 8,000)
Thallium		2.2	<1.8	<2.1	<1.8	<1.8	<2.1	<1.9	<2.2	<2.1	2.4	SB (NA)
Vanadium		14.2	13.8	17.6	13.5	18.1	14.7	13.1	14.8	15.7	15.6	150 or SB (1 - 300)
Zinc		**52.8 ***	**90.3 ***	**112 ***	**80.3 ***	**164 ***	**371 ***	**368 ***	**152 ***	**121**	**111**	20 or SB (9 - 50)

Notes

Target Analyte List (TAL) metals were analyzed by NYS Contract Laboratory Protocol.

SB = Site background

** Eastern US Background Values per TAGM 4046 shown in parentheses

+ Cyanide was analyzed by wet chemistry for this sample

mg/Kg = milligrams per killogram; equivalent to parts per million (ppm)

Bold indicates that the detected concentration meets or exceeds the referenced Soil Guidance Value

NA = Sample not analyzed for this compound

NS = No standard available for this compound

FD = Field Duplicate sample (submitted "blind" to the laboratory)

Laboratory Inorganic Data Qualifiers

B - The value is less than the contract required detection limit.

N - The spike sample recovery is not within the control limits.

* - Duplicate analysis is not within the control limits.

TABLE 4A
SUMMARY OF DETECTED VOCs
IN WATER SAMPLES

	Sample ID:	SW-1[1]	TP-1	TP-3	MW-1D	MW-1D (with product)	MW-2D	MW-3D	NYSDEC Groundwater Standard
	Date:	11/08/99	11/08/99	11/10/99	02/08/00	02/08/00	02/08/00	02/08/00	
VOCs	Units:	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Acetone		8 J	13	**1,300**	**980**	**1,500 J**	<10	<10	50
Benzene		<10	**53**	**69 J**	**64 J**	<4,000	<10	**4 J**	1
2-Butanone		<10	14	**270**	**480**	<4,000	<10	<10	50
Chloroethane		<10	**81**	**320**	<200	<4,000	<10	**8 J**	5
1,1-Dichloroethane		<10	**46**	**70**	**1,100**	**1,600 J**	1 J	**5 J**	5
1,1-Dichloroethene		<10	<10	<200	**120 J**	<4,000	<10	<10	5
1,2-Dichloroethene (total)		<10	**19**	**38**	**79,000 D**	**110,000**	3 J	2 J	5
Ethylbenzene		<10	**34**	**1,100**	**840**	**1,300 J**	<10	<10	5
4-Methyl-2-pentanone		<10	5 J	**84 J**	**360**	<4,000	<10	<10	50
Methylene chloride		<10	2 J	**23 J**	<200	<4,000	<10	<10	5
1,1,1-Trichloroethane		<10	<10	<200	**530**	**850 J**	<10	<10	5
Toluene		1 J	**15**	**9,000 D**	**8,300 D**	**13,000**	1 J	2 J	5
Vinyl chloride		<10	**17**	<200	**6,200 D**	**11,000**	<10	**26**	2
Xylenes (total)		<10	**170**	**6,600**	**2,700**	**5,100**	<10	<10	5
Sum of Detected VOCs		9	469	18,874	100,674	144,350	5	47	

Notes

VOCs = Volatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-1.

1 - Sample SW-1 was collected from surface water accumulated on soils beneath Building B; there is no applicable water quality standard for this medium.

µg/L = micrograms per liter; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced groundwater standard

Laboratory Organic Data Qualifiers

D - Compound was detected at a secondary dilution factor

J - The result is less than the sample quanitation limit and is an estimated value

TABLE 4B
SUMMARY OF DETECTED SVOCs
IN WATER SAMPLES

SVOCs	Sample ID:	SW-1[1]	TP-1	TP-3	MW-1D	MW-1D (with product)	MW-2D	MW-3D	NYSDEC Groundwater Standard
	Date:	11/08/99	11/08/99	11/10/99	02/08/00	02/08/00	02/08/00	02/08/00	
	Units:	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Acenapthene		<10	NA	**1,300 J**	6 J	4 J	<9	<9	20
Anthracene		<10		*<25,000*	2 J	1 J	<9	<9	50
Benzo(a)anthracene		<10		*<25,000*	**2 J**	**1 J**	*<9*	*<9*	0.002
Benzo(a)pyrene		<10		*<25,000*	**1 J**	*<9*	*<9*	*<9*	0.002
Benzo(b)fluoranthene		<10		*<25,000*	**3 J**	**2 J**	*<9*	*<9*	0.002
Butylbenzylphthalate		<10		*<25,000*	**74**	5 J	<9	<9	50
Chrysene		<10		*<25,000*	**2 J**	**1 J**	*<9*	*<9*	0.002
Dibenzofuran		<10		<25,000	3 J	2 J	<9	<9	5
1,2-Dichlorobenzene		<10		**19,000 BJ**	**9 J**	**12**	*<9*	*<9*	3
1,4-Dichlorobenzene		<10		*<25,000*	*<10*	2 J	*<9*	*<9*	3
bis(2-Ethylhexyl)phthalate		4 J		*<25,000*	**220 D**	**12**	4 J	2 J	5
Fluoranthene		<10		**1,800 J**	6 J	4 J	<9	<9	50
Fluorene		<10		**1,500 J**	5 J	3 J	<9	<9	50
2-Methylnaphthalene		<10		**11,000 J**	42	30	*<9*	*<9*	50
2-Methylphenol		<10		<25,000	**11**	**9**	<9	<9	5
4-Methylphenol		<10		<25,000	40	39	<9	<9	50
N-Nitrosodiphenylamine		<10		*<25,000*	5 J	<9	<9	<9	50
Naphthalene		<10		**6,700 J**	**42**	**38**	<9	<9	10
di-n-Octylphthalate		<10		*<25,000*	<10	<9	2 J	<9	50
Phenanthrene		<10		**4,100**	13	8 J	<9	<9	50
Phenol		<10		**1,400 BJ**	*<10*	*<9*	*<9*	*<9*	1
Pyrene		<10		**2,100 J**	5 J	<9	<9	<9	50
Sum of Detected SVOCs		4	NA	48,900	491	173	6	2	

Notes

SVOCs = Semivolatile Organic Compounds. Analyzed by NYS Contract Laboratory Protocol ASP #95-2.

1 - Sample SW-1 was collected from surface water accumulated on soils beneath Building B; there is no applicable water quality standard for this medium.

µg/L = micrograms per liter; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced groundwater standard

NA = Sample not analyzed for this compound

Laboratory Organic Data Qualifiers

B - Analyte is found in the associated method blank.

D - Compound is detected at a secondary dilution factor.

J - The result is less than the sample quanitation limit and is an estimated value.

TABLE 4C
SUMMARY OF DETECTED PESTICIDES/PCBs IN WATER SAMPLES

Pesticides	Sample ID:	SW-1[1]	TP-1	TP-3	MW-1D	MW-1D (with product)	MW-2D	MW-3D	NYSDEC Groundwater Standard
	Date:	11/08/99	11/08/99	11/10/99	02/08/00	02/08/00	02/08/00	02/08/00	
	Units:	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
alpha-BHC		<0.05	NA	**0.65 JP**	<0.05	<0.047	<0.047	<0.047	0.01
Dieldrin		<0.10		**0.54 JP**	<0.10	<0.094	<0.094	<0.094	0.004
4,4'-DDD		<0.10		**6.1**	<0.10	<0.094	<0.094	<0.094	0.3
4,4'-DDE		<0.10		**2.5 J**	<0.10	<0.094	<0.094	<0.094	0.2
Endosulfan II (Beta)		<0.10		**3.4 JP**	0.069 JP	<0.094	<0.094	<0.094	0.1
Endosulfan sulfate		<0.10		**3.5 JP**	**0.1**	<0.094	<0.094	<0.094	0.1
Endrin		<0.10		**0.49 JP**	<0.10	<0.094	<0.094	<0.094	0.01
Endrin aldehyde		<0.10		2.2 JP	0.38 P	<0.094	<0.094	<0.094	5
Endrin ketone		<0.10		1.5 J	<0.10	<0.094	<0.094	<0.094	5
Methoxychlor		<0.50		**46 P**	<0.5	<0.47	<0.47	<0.47	35
Sum of Detected Pesticides		ND	NA	66.88	0.549	ND	ND	ND	
PCB-1254		*<1.0*	NA	**74 P**	*<1.0*	*<0.94*	*<0.94*	*<0.94*	0.09

Notes

PCBs = Polychlorinated biphenyls. Pesticides and PCBs were analyzed by NYS Contract Laboratory Protocol ASP #95-3.

1 - Sample SW-1 was collected from surface water accumulated on soils beneath Building B; there is no applicable water quality standard for this medium.

µg/L = micrograms per liter; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced groundwater standard

NA = Sample not analyzed for this compound

NS = No standard available for this compound

ND = Non detect

Laboratory Organic Data Qualifiers

J - The result is less than the sample quanitation limit and is an estimated value.

P - Greater than 25% difference for detected concentrations between the two GC columns; the lower value is reported.

TABLE 4D
SUMMARY OF DETECTED METALS
IN WATER SAMPLES

Metals	Sample ID:	SW-1[1]	TP-1	TP-3	MW-1D	MW-1D (with product)	MW-2D	MW-3D	NYSDEC Groundwater Standard
	Date:	11/08/99	11/08/99	11/10/99	02/08/00	02/08/00	02/08/00	02/08/00	
	Units:	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Aluminum		296	NA	10,900	<200 N*	NA	865 N*	<200 N*	NS
Arsenic		5.7 B		**97.2**	<10		<10	<10	25
Barium		482		407	<200		<200	<200	1,000
Beryllium		<1.0		1.3 B	<5.0		<5.0	<5.0	3
Cadmium		8.6		<1.0	<5.0		<5.0	<5.0	5
Calcium		42,800		160,000	179,000		171,000	136,000	NS
Chromium		<2.0		12.5	<10		<10	<10	50
Cobalt		2.7 B		8.5 B	<50		<50	<50	NS
Copper		6.6 B		65.5	<25		<25	<25	200
Iron		2,930		**36,800**	**2,060 N***		**2,070 N***	**5,600 N***	300
Lead		1,740		**550**	<3.0 *		<3.0 *	<3.0 *	25
Magnesium		5,200		**40,600**	**129,000**		**104,000**	**113,000**	35,000
Manganese		552		**1,320**	221 *		119 *	81.5 *	300
Mercury		<0.10		**0.7 B**	<0.20		<0.20	<0.20	0.7
Nickel		**9.8 B**		**19.0 B**	**<40**		**<40**	**<40**	100
Potassium		15,600		7,910	11,500 N		21,700 N	7,650 N	NS
Sodium		28,700		**42,500**	**113,000**		**61,600**	**43,700**	20,000
Vanadium		<2.0		23.3 B	<50		<50	<50	NS
Zinc		361		424	<20 *		46.4 *	31.4 *	2,000

Notes

Target Analyte List (TAL) metals were analyzed by NYS Contract Laboratory Protocols.

1 - Sample SW-1 was collected from surface water accumulated on soils beneath Building B; there is no applicable water quality standard for this medium.

µg/L = micrograms per liter; equivalent to parts per billion (ppb)

Bold indicates that the detected concentration meets or exceeds the referenced groundwater standard

NA = Sample not analyzed for this compound

NS = No standard available for this compound

Laboratory Inorganic Data Qualifiers

B - The value is less than the contract required detection limit.

N - The spike sample recovery is not within the control limits.

* - Duplicate analysis is not within the control limits.

APPENDIX A

PHOTOGRAPHS

Photograph No. 1 - View of the Genesse River from the top of the gorge at the Raeco Site. The river is situated approximately 100 feet below the upper ground surface at the site.

Photograph No. 2 - View of staining on the gorge wall at the Raeco Site from across the Genesee River.

Photograph No. 3 - Standing water was present in the basement of Building B at the time of the investigation near former tank cradles. Surface water sample SW-1 and surface soil sample SS-1 were collected from this area of the basement.

Photograph No. 4 - Access to the basement of Building C is available at the southeast corner of the building. Surface soil sample SS-3 was collected from this area of the basement.

Photograph No. 5 - Two large tanks and an associated area of staining were observed at the Raeco site in September 1999. Surface soil sample SS-2 was collected from this area of staining on November 10, 1999, after the tanks had been removed.

Photograph No. 6 - Dark product was observed on top of water that accumulated at base of test pit TP-3. A sample of this product mixed with water was collected for full TCL/TAL laboratory analysis.

Photograph No. 7 - After removal of the hollow stem augers (foreground), the annulus between the well casing and boring wall was filled to grade with grout (MW-2D).

Photograph No. 8 - The monitoring wells are protected with flush-mounted steel manhole covers (MW-2D).

APPENDIX B

ANALYTICAL DATA SUMMARY SHEETS & CASE NARRATIVES

SAMPLES RECEIVED 11/09/99
(COLLECTED 11/08/99)

SAMPLES RECEIVED 11/09/99
(COLLECTED 11/08/99)

Committed To *Your* Success

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

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Fax: (716) 691-7991
www.stl-inc.com

December 30, 1999

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: RH899
SDG #: 11208
Matrix: Soil; Water
Samples Received: 11/09/99
Sample Date: 11/08/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Neil D. Preston for
Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Susan L. Tinsmith
Laboratory Manager

KPK/SLT/mfg
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. #A99-7528, A99-7530
#7A7260-8

This report contains 971 pages which are individually numbered

Committed To *Your* Success

SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	RH899
SDG Number:	11208
Sample Identification:	SS-1 SS-1MS SS-1SD TP-1-SOIL TP-1-SOIL MS TP-1-SOIL RE TP-1-SOIL SD TP-1 WATER SW-1 TB-1

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is enclosed on the specific data table. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

Metals analyses were performed by Severn Trent, Monroe, CT. Results are enclosed in a self-contained data package.

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VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

All water samples were preserved to a pH less than 2.

Due to sample matrix, the following samples were analyzed by medium level soil extraction method: SS-1; TP-1-SOIL; and TP-1-SOIL RE.

Samples TP-1-SOIL and TP-1-SOIL RE both show the recovery of surrogate p-Bromofluorobenzene as above quality control limits.

No other deviations from protocol were observed during the analytical procedures.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

All water samples were extracted by separatory funnel instead of the required liquid-liquid extraction method.

Due to severe sample matrix, the following samples were analyzed at an initial dilution factor: SS-1 at dilution factor 10; TP-1-SOIL at dilution factor 20; TP-1-SOIL MS at dilution factor 20; and TP-1-SOIL SD at dilution factor 20.

Sample SS-1 was concentrated to a 1 ml final volume instead of the required 0.5 ml.

The Matrix Spike Blank (MSB42) shows the spike recovery of Pentachlorophenol as slightly above quality control limits.

The Matrix Spike Blank (MSB50) shows the spike recovery of 2,4-Dinitrotoluene as above quality control limits.

Sample TP-1-SOIL MS shows the spike recovery of 2,4-Dinitrotoluene; 4-Chloro-3-methylphenol; and N-Nitroso-Di-n-propylamine as above quality control limits.

Sample TP-1-SOIL SD shows the spike recovery of N-Nitroso-Di-n-propylamine and 2,4-Dinitrotoluene as above quality control limits.

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SEMIVOLATILE DATA (cont.)

The relative percent difference (RPD) for spike recovery between Sample TP-1-SOIL MS and Sample TP-1-SOIL SD was outside quality control limits for 4-Nitrophenol.

No other deviations from protocol were observed during the analytical procedures.

PESTICIDE/PCB DATA

Surrogates were inadvertently not added to standard ICM48BC01.

The Method Blank (PBLK06) exhibited known laboratory contamination of Endrin. This compound was also detected in samples SS1; SS1MS; and SS1MSD. The data was reviewed by the laboratory supervisor and released.

Due to known laboratory contamination the Matrix Spike Blank (MSB06) exhibited spike recovery of Endrin as above quality control limits.

Due to sample matrix samples SS1; TP1SOIL; SS1MS; and SS1MSD were analyzed at an initial dilution factor of 10.

Samples SS1 and SS1SD both show the recovery of surrogate DCB1 as above quality control limits.

Sample TP1SOIL shows the recovery of surrogate DCB2 as above quality control limits.

No other deviations from protocol were observed during the analytical procedures.

WET CHEMISTRY DATA

No deviations from protocol were observed during the analytical procedures.

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7099-3024A
STL/BUFFALO

Case Narrative

Sample Receipt - All samples were received in good condition and at the proper temperature.

Metals - ICAP metals were determined by ICP using a JA61E trace ICAP; mercury was determined by the cold vapor technique utilizing a Leeman Labs mercury analyzer according to the USEPA CLP 4.0 SOW.

One "N" flag resulted from spike analysis of sample MW-02 UNFILTERED for selenium, and one "N" flag resulted from spike analysis of sample ES-SB12 (13-14) for selenium.

Two "*" flags resulted from duplicate analysis of QC sample ES-SB12 (13-14) for aluminum and iron. A sample homogeneity problem appears to be the cause.

No other problems occurred during analysis. All appropriate protocols were employed. All data appears to be consistent.

STL
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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

12/30/99
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U	-	Indicates compound was analyzed for but not detected.
J	-	Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	-	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	-	This flag is used when the analyte is found in the associated blank as well as in the sample.
E	-	This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
D	-	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
T	-	This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.
N	-	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
P	-	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
A	-	This flag indicates that a TIC is a suspected aldol-condensation product.

Sample ID: SS-1
Lab Sample ID: A9752801
Date Collected: 11/08/1999
Time Collected: 11:30

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
1,2-Dichlorobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
1,3-Dichlorobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
1,4-Dichlorobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2,4,5-Trichlorophenol	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
2,4,6-Trichlorophenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2,4-Dichlorophenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2,4-Dimethylphenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2,4-Dinitrophenol	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
2,4-Dinitrotoluene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2,6-Dinitrotoluene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2-Chloronaphthalene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2-Chlorophenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2-Methyl-4,6-dinitrophenol	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
2-Methylnaphthalene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2-Methylphenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
2-Nitroaniline	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
2-Nitrophenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
3,3'-Dichlorobenzidine	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
3-Nitroaniline	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
4-Bromophenylphenylether	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
4-Chloro-3-methylphenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
4-Chloroaniline	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
4-Chlorophenylphenylether	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
4-Methylphenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
4-Nitroaniline	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
4-Nitrophenol	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
Acenaphthene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Acenaphthylene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Anthracene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Benzo(a)anthracene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Benzo(a)pyrene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Benzo(b)fluoranthene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Benzo(g,h,i)perylene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Benzo(k)fluoranthene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
bis(2-Chloroethoxy)methane	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
bis(2-Chloroethyl)ether	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
bis(2-Chloroisopropyl)ether	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
bis(2-Ethylhexyl)phthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Butylbenzylphthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Carbazole	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Chrysene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
di-n-Butylphthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
di-n-Octylphthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Dibenzo(a,h)anthracene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Dibenzofuran	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Diethylphthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Dimethylphthalate	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Fluoranthene	1200	J	8900	UG/KG	95-2	12/07/1999 18:42	PM

Sample ID: SS-1
Lab Sample ID: A9752801
Date Collected: 11/08/1999
Time Collected: 11:30

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Hexachlorobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Hexachlorobutadiene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Hexachlorocyclopentadiene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Hexachloroethane	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Indeno(1,2,3-c,d)pyrene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Isophorone	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
N-Nitroso-di-N-propylamine	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
N-Nitrosodiphenylamine	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Naphthalene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Nitrobenzene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Pentachlorophenol	ND		22000	UG/KG	95-2	12/07/1999 18:42	PM
Phenanthrene	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Phenol	ND		8900	UG/KG	95-2	12/07/1999 18:42	PM
Pyrene	1700	J	8900	UG/KG	95-2	12/07/1999 18:42	PM
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		44	UG/KG	95-3	12/08/1999	MAN
4,4'-DDE	ND		44	UG/KG	95-3	12/08/1999	MAN
4,4'-DDT	ND		44	UG/KG	95-3	12/08/1999	MAN
Aldrin	ND		23	UG/KG	95-3	12/08/1999	MAN
alpha-BHC	ND		23	UG/KG	95-3	12/08/1999	MAN
beta-BHC	ND		23	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		23	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		23	UG/KG	95-3	12/08/1999	MAN
delta-BHC	ND		23	UG/KG	95-3	12/08/1999	MAN
Dieldrin	ND		44	UG/KG	95-3	12/08/1999	MAN
Endosulfan I (Alpha)	ND		23	UG/KG	95-3	12/08/1999	MAN
Endosulfan II (Beta)	ND		44	UG/KG	95-3	12/08/1999	MAN
Endosulfan sulfate	ND		44	UG/KG	95-3	12/08/1999	MAN
Endrin	18	BJP	44	UG/KG	95-3	12/08/1999	MAN
Endrin aldehyde	ND		44	UG/KG	95-3	12/08/1999	MAN
Endrin ketone	ND		44	UG/KG	95-3	12/08/1999	MAN
gamma-BHC (Lindane)	ND		23	UG/KG	95-3	12/08/1999	MAN
Heptachlor	ND		23	UG/KG	95-3	12/08/1999	MAN
Heptachlor epoxide	ND		23	UG/KG	95-3	12/08/1999	MAN
Methoxychlor	ND		230	UG/KG	95-3	12/08/1999	MAN
PCB-1016	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1221	ND		900	UG/KG	95-3	12/08/1999	MAN
PCB-1232	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1242	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1248	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1254	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1260	ND		440	UG/KG	95-3	12/08/1999	MAN
Toxaphene	ND		2300	UG/KG	95-3	12/08/1999	MAN
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,1,2,2-Tetrachloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH

Sample ID: SS-1
Lab Sample ID: A9752801
Date Collected: 11/08/1999
Time Collected: 11:30

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,2-Trichloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,1-Dichloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,1-Dichloroethene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,2-Dichlorethene (Total)	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,2-Dichloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
1,2-Dichloropropane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
2-Butanone	1900		1600	UG/KG	95-1	11/17/1999 13:09	AH
2-Hexanone	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
4-Methyl-2-pentanone	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Acetone	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Benzene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Bromodichloromethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Bromoform	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Bromomethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Carbon disulfide	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Carbon tetrachloride	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Chlorobenzene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Chloroethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Chloroform	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Chloromethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
cis-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Dibromochloromethane	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Ethylbenzene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Methylene chloride	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Styrene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Tetrachloroethene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Toluene	210	J	1600	UG/KG	95-1	11/17/1999 13:09	AH
trans-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Trichloroethene	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Vinyl chloride	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Xylene, Total	ND		1600	UG/KG	95-1	11/17/1999 13:09	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/18/1999	DW
Leachable pH	7.6		0	S.U.	9045	11/19/1999	SH

Sample ID: SS-1
Lab Sample ID: A9752801
Date Collected: 11/08/1999
Time Collected: 11:30

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		44	UG/KG	95-3	12/08/1999	MAN
4,4'-DDE	ND		44	UG/KG	95-3	12/08/1999	MAN
4,4'-DDT	ND		44	UG/KG	95-3	12/08/1999	MA
Aldrin	ND		23	UG/KG	95-3	12/08/1999	MA
alpha-BHC	ND		23	UG/KG	95-3	12/08/1999	MAN
beta-BHC	ND		23	UG/KG	95-3	12/08/1999	MA
Chlordane (alpha & gamma)	ND		23	UG/KG	95-3	12/08/1999	MA
Chlordane (alpha & gamma)	ND		23	UG/KG	95-3	12/08/1999	MAN
delta-BHC	ND		23	UG/KG	95-3	12/08/1999	MAN
Dieldrin	ND		44	UG/KG	95-3	12/08/1999	MA
Endosulfan I (Alpha)	ND		23	UG/KG	95-3	12/08/1999	MAN
Endosulfan II (Beta)	ND		44	UG/KG	95-3	12/08/1999	MAN
Endosulfan sulfate	ND		44	UG/KG	95-3	12/08/1999	MA
Endrin	18	BJP	44	UG/KG	95-3	12/08/1999	MA
Endrin aldehyde	ND		44	UG/KG	95-3	12/08/1999	MAN
Endrin ketone	ND		44	UG/KG	95-3	12/08/1999	MA
gamma-BHC (Lindane)	ND		23	UG/KG	95-3	12/08/1999	MA
Heptachlor	ND		23	UG/KG	95-3	12/08/1999	MAN
Heptachlor epoxide	ND		23	UG/KG	95-3	12/08/1999	MAN
Methoxychlor	ND		230	UG/KG	95-3	12/08/1999	MA
PCB-1016	ND		440	UG/KG	95-3	12/08/1999	MA
PCB-1221	ND		900	UG/KG	95-3	12/08/1999	MAN
PCB-1232	ND		440	UG/KG	95-3	12/08/1999	MA
PCB-1242	ND		440	UG/KG	95-3	12/08/1999	MA
PCB-1248	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1254	ND		440	UG/KG	95-3	12/08/1999	MAN
PCB-1260	ND		440	UG/KG	95-3	12/08/1999	MA
Toxaphene	ND		2300	UG/KG	95-3	12/08/1999	MAN

Sample ID: TP1SOIL
Lab Sample ID: A9752802
Date Collected: 11/08/1999
Time Collected: 14:00

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
1,2-Dichlorobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
1,3-Dichlorobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
1,4-Dichlorobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2,4,5-Trichlorophenol	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
2,4,6-Trichlorophenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2,4-Dichlorophenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2,4-Dimethylphenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2,4-Dinitrophenol	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
2,4-Dinitrotoluene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2,6-Dinitrotoluene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2-Chloronaphthalene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2-Chlorophenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2-Methyl-4,6-dinitrophenol	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
2-Methylnaphthalene	4000	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
2-Methylphenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
2-Nitroaniline	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
2-Nitrophenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
3,3'-Dichlorobenzidine	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
3-Nitroaniline	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
4-Bromophenylphenylether	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
4-Chloro-3-methylphenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
4-Chloroaniline	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
4-Chlorophenylphenylether	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
4-Methylphenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
4-Nitroaniline	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
4-Nitrophenol	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
Acenaphthene	2100	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Acenaphthylene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Anthracene	920	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Benzo(a)anthracene	1400	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Benzo(a)pyrene	1100	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Benzo(b)fluoranthene	2300	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Benzo(g,h,i)perylene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Benzo(k)fluoranthene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
bis(2-Chloroethoxy)methane	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
bis(2-Chloroethyl)ether	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
bis(2-Chloroisopropyl)ether	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
bis(2-Ethylhexyl)phthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Butylbenzylphthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Carbazole	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Chrysene	1500	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
di-n-Butylphthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
di-n-Octylphthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Dibenzo(a,h)anthracene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Dibenzofuran	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Diethylphthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Dimethylphthalate	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Fluoranthene	3900	J	7900	UG/KG	95-2	12/07/1999 19:27	PM

Sample ID: TP1SOIL
Lab Sample ID: A9752802
Date Collected: 11/08/1999
Time Collected: 14:00

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	1800	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Hexachlorobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Hexachlorobutadiene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Hexachlorocyclopentadiene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Hexachloroethane	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Indeno(1,2,3-c,d)pyrene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Isophorone	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
N-Nitroso-di-N-propylamine	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
N-Nitrosodiphenylamine	2100	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Naphthalene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Nitrobenzene	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Pentachlorophenol	ND		19000	UG/KG	95-2	12/07/1999 19:27	PM
Phenanthrene	2200	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
Phenol	ND		7900	UG/KG	95-2	12/07/1999 19:27	PM
Pyrene	4900	J	7900	UG/KG	95-2	12/07/1999 19:27	PM
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		40	UG/KG	95-3	12/09/1999	MAN
4,4'-DDE	ND		40	UG/KG	95-3	12/09/1999	MAN
4,4'-DDT	ND		40	UG/KG	95-3	12/09/1999	MAN
Aldrin	ND		21	UG/KG	95-3	12/09/1999	MAN
alpha-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
beta-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
Chlordane (alpha & gamma)	ND		21	UG/KG	95-3	12/09/1999	MAN
Chlordane (alpha & gamma)	ND		21	UG/KG	95-3	12/09/1999	MAN
delta-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
Dieldrin	ND		40	UG/KG	95-3	12/09/1999	MAN
Endosulfan I (Alpha)	ND		21	UG/KG	95-3	12/09/1999	MAN
Endosulfan II (Beta)	ND		40	UG/KG	95-3	12/09/1999	MAN
Endosulfan sulfate	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin aldehyde	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin ketone	ND		40	UG/KG	95-3	12/09/1999	MAN
gamma-BHC (Lindane)	ND		21	UG/KG	95-3	12/09/1999	MAN
Heptachlor	ND		21	UG/KG	95-3	12/09/1999	MAN
Heptachlor epoxide	ND		21	UG/KG	95-3	12/09/1999	MAN
Methoxychlor	ND		210	UG/KG	95-3	12/09/1999	MAN
PCB-1016	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1221	ND		810	UG/KG	95-3	12/09/1999	MAN
PCB-1232	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1242	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1248	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1254	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1260	ND		400	UG/KG	95-3	12/09/1999	MAN
Toxaphene	ND		2100	UG/KG	95-3	12/09/1999	MAN
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH

Sample ID: TP1SOIL
Lab Sample ID: A9752802
Date Collected: 11/08/1999
Time Collected: 14:00

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
2-Butanone	1800		1500	UG/KG	95-1	11/17/1999 13:47	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Acetone	1200	J	1500	UG/KG	95-1	11/17/1999 13:47	AH
Benzene	1400	J	1500	UG/KG	95-1	11/17/1999 13:47	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Bromoform	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Bromomethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Chloroethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Chloroform	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Chloromethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Ethylbenzene	950	J	1500	UG/KG	95-1	11/17/1999 13:47	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Styrene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Toluene	2700		1500	UG/KG	95-1	11/17/1999 13:47	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/17/1999 13:47	AH
Xylene, Total	8300		1500	UG/KG	95-1	11/17/1999 13:47	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0.010		0	MG/KG	CLP-WC	11/18/1999	DW
Leachable pH	7.8		0	S.U.	9045	11/19/1999	SH

Sample ID: TP1SOIL
Lab Sample ID: A9752802RI
Date Collected: 11/08/1999
Time Collected: 14:00

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
2-Butanone	1900		1500	UG/KG	95-1	11/18/1999 19:01	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Acetone	1200	J	1500	UG/KG	95-1	11/18/1999 19:01	AH
Benzene	1800		1500	UG/KG	95-1	11/18/1999 19:01	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Bromoform	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Bromomethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Carbon disulfide	160	J	1500	UG/KG	95-1	11/18/1999 19:01	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Chloroethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Chloroform	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Chloromethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Ethylbenzene	1100	J	1500	UG/KG	95-1	11/18/1999 19:01	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Styrene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Toluene	4700		1500	UG/KG	95-1	11/18/1999 19:01	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/18/1999 19:01	AH
Xylene, Total	9300		1500	UG/KG	95-1	11/18/1999 19:01	AH

Sample ID: TP1SOIL
Lab Sample ID: A9752802
Date Collected: 11/08/1999
Time Collected: 14:00

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		40	UG/KG	95-3	12/09/1999	MAN
4,4'-DDE	ND		40	UG/KG	95-3	12/09/1999	MAN
4,4'-DDT	ND		40	UG/KG	95-3	12/09/1999	MAN
Aldrin	ND		21	UG/KG	95-3	12/09/1999	MAN
alpha-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
beta-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
Chlordane (alpha & gamma)	ND		21	UG/KG	95-3	12/09/1999	MAN
Chlordane (alpha & gamma)	ND		21	UG/KG	95-3	12/09/1999	MAN
delta-BHC	ND		21	UG/KG	95-3	12/09/1999	MAN
Dieldrin	ND		40	UG/KG	95-3	12/09/1999	MAN
Endosulfan I (Alpha)	ND		21	UG/KG	95-3	12/09/1999	MAN
Endosulfan II (Beta)	ND		40	UG/KG	95-3	12/09/1999	MAN
Endosulfan sulfate	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin aldehyde	ND		40	UG/KG	95-3	12/09/1999	MAN
Endrin ketone	ND		40	UG/KG	95-3	12/09/1999	MAN
gamma-BHC (Lindane)	ND		21	UG/KG	95-3	12/09/1999	MAN
Heptachlor	ND		21	UG/KG	95-3	12/09/1999	MAN
Heptachlor epoxide	ND		21	UG/KG	95-3	12/09/1999	MAN
Methoxychlor	ND		210	UG/KG	95-3	12/09/1999	MAN
PCB-1016	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1221	ND		810	UG/KG	95-3	12/09/1999	MAN
PCB-1232	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1242	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1248	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1254	ND		400	UG/KG	95-3	12/09/1999	MAN
PCB-1260	ND		400	UG/KG	95-3	12/09/1999	MAN
Toxaphene	ND		2100	UG/KG	95-3	12/09/1999	MAN

Sample ID: TP1WATER
Lab Sample ID: A9752803
Date Collected: 11/08/1999
Time Collected: 14:15

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
1,1-Dichloroethane	46		10	UG/L	95-1	11/19/1999 22:02	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
1,2-Dichlorethene (Total)	19		10	UG/L	95-1	11/19/1999 22:02	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
2-Butanone	14		10	UG/L	95-1	11/19/1999 22:02	AH
2-Hexanone	ND		10	UG/L	95-1	11/19/1999 22:02	AH
4-Methyl-2-pentanone	5	J	10	UG/L	95-1	11/19/1999 22:02	AH
Acetone	13		10	UG/L	95-1	11/19/1999 22:02	AH
Benzene	53		10	UG/L	95-1	11/19/1999 22:02	AH
Bromodichloromethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Bromoform	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Bromomethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Carbon disulfide	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Carbon tetrachloride	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Chlorobenzene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Chloroethane	81		10	UG/L	95-1	11/19/1999 22:02	AH
Chloroform	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Chloromethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Dibromochloromethane	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Ethylbenzene	34		10	UG/L	95-1	11/19/1999 22:02	AH
Methylene chloride	2	J	10	UG/L	95-1	11/19/1999 22:02	AH
Styrene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Tetrachloroethene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Toluene	15		10	UG/L	95-1	11/19/1999 22:02	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Trichloroethene	ND		10	UG/L	95-1	11/19/1999 22:02	AH
Vinyl chloride	17		10	UG/L	95-1	11/19/1999 22:02	AH
Xylene, Total	170		10	UG/L	95-1	11/19/1999 22:02	AH

Sample ID: SW-1
Lab Sample ID: A9752804
Date Collected: 11/08/1999
Time Collected: 12:15

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	11/29/1999 18:34	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	11/29/1999 18:34	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2-Chlorophenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2-Methyl-4,6-dinitrophenol	ND		25	UG/L	95-2	11/29/1999 18:34	PM
2-Methylnaphthalene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2-Methylphenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
2-Nitroaniline	ND		25	UG/L	95-2	11/29/1999 18:34	PM
2-Nitrophenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	11/29/1999 18:34	PM
3-Nitroaniline	ND		25	UG/L	95-2	11/29/1999 18:34	PM
4-Bromophenylphenylether	ND		10	UG/L	95-2	11/29/1999 18:34	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
4-Chloroaniline	ND		10	UG/L	95-2	11/29/1999 18:34	PM
4-Chlorophenylphenylether	ND		10	UG/L	95-2	11/29/1999 18:34	PM
4-Methylphenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
4-Nitroaniline	ND		25	UG/L	95-2	11/29/1999 18:34	PM
4-Nitrophenol	ND		25	UG/L	95-2	11/29/1999 18:34	PM
Acenaphthene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Acenaphthylene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Anthracene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Benzo(g,h,i)perylene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
bis(2-Chloroethoxy)methane	ND		10	UG/L	95-2	11/29/1999 18:34	PM
bis(2-Chloroethyl)ether	ND		10	UG/L	95-2	11/29/1999 18:34	PM
bis(2-Chloroisopropyl)ether	ND		10	UG/L	95-2	11/29/1999 18:34	PM
bis(2-Ethylhexyl)phthalate	4	J	10	UG/L	95-2	11/29/1999 18:34	PM
Butylbenzylphthalate	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Carbazole	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Chrysene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
di-n-Butylphthalate	ND		10	UG/L	95-2	11/29/1999 18:34	PM
di-n-Octylphthalate	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Dibenzofuran	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Diethylphthalate	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Dimethylphthalate	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Fluoranthene	ND		10	UG/L	95-2	11/29/1999 18:34	PM

Sample ID: SW-1
Lab Sample ID: A9752804
Date Collected: 11/08/1999
Time Collected: 12:15

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Hexachlorobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Hexachloroethane	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Indeno(1,2,3-c,d)pyrene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Isophorone	ND		10	UG/L	95-2	11/29/1999 18:34	PM
N-Nitroso-di-N-propylamine	ND		10	UG/L	95-2	11/29/1999 18:34	PM
N-Nitrosodiphenylamine	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Naphthalene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Nitrobenzene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Pentachlorophenol	ND		25	UG/L	95-2	11/29/1999 18:34	PM
Phenanthrene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Phenol	ND		10	UG/L	95-2	11/29/1999 18:34	PM
Pyrene	ND		10	UG/L	95-2	11/29/1999 18:34	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	12/01/1999	MAN
4,4'-DDE	ND		0.10	UG/L	95-3	12/01/1999	MAN
4,4'-DDT	ND		0.10	UG/L	95-3	12/01/1999	MAN
Aldrin	ND		0.050	UG/L	95-3	12/01/1999	MAN
alpha-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
beta-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	12/01/1999	MAN
delta-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
Dieldrin	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endosulfan I (Alpha)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Endosulfan II (Beta)	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endosulfan sulfate	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin aldehyde	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin ketone	ND		0.10	UG/L	95-3	12/01/1999	MAN
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Heptachlor	ND		0.050	UG/L	95-3	12/01/1999	MAN
Heptachlor epoxide	ND		0.050	UG/L	95-3	12/01/1999	MAN
Methoxychlor	ND		0.50	UG/L	95-3	12/01/1999	MAN
PCB-1016	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1221	ND		2.0	UG/L	95-3	12/01/1999	MAN
PCB-1232	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1242	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1248	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1254	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1260	ND		1.0	UG/L	95-3	12/01/1999	MAN
Toxaphene	ND		5.0	UG/L	95-3	12/01/1999	MAN
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH

Sample ID: SW-1
Lab Sample ID: A9752804
Date Collected: 11/08/1999
Time Collected: 12:15

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,1-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,2-Dichlorethene (Total)	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
2-Butanone	ND		10	UG/L	95-1	11/19/1999 21:17	AH
2-Hexanone	ND		10	UG/L	95-1	11/19/1999 21:17	AH
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Acetone	8	J	10	UG/L	95-1	11/19/1999 21:17	AH
Benzene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Bromodichloromethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Bromoform	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Bromomethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Carbon disulfide	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Carbon tetrachloride	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Chlorobenzene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Chloroethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Chloroform	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Chloromethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Dibromochloromethane	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Ethylbenzene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Methylene chloride	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Styrene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Tetrachloroethene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Toluene	1	J	10	UG/L	95-1	11/19/1999 21:17	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Trichloroethene	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Vinyl chloride	ND		10	UG/L	95-1	11/19/1999 21:17	AH
Xylene, Total	ND		10	UG/L	95-1	11/19/1999 21:17	AH

Sample ID: SW-1
Lab Sample ID: A9752804
Date Collected: 11/08/1999
Time Collected: 12:15

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	12/01/1999	MAN
4,4'-DDE	ND		0.10	UG/L	95-3	12/01/1999	MAN
4,4'-DDT	ND		0.10	UG/L	95-3	12/01/1999	MAN
Aldrin	ND		0.050	UG/L	95-3	12/01/1999	MAN
alpha-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
beta-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	12/01/1999	MAN
delta-BHC	ND		0.050	UG/L	95-3	12/01/1999	MAN
Dieldrin	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endosulfan I (Alpha)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Endosulfan II (Beta)	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endosulfan sulfate	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin aldehyde	ND		0.10	UG/L	95-3	12/01/1999	MAN
Endrin ketone	ND		0.10	UG/L	95-3	12/01/1999	MAN
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	12/01/1999	MAN
Heptachlor	ND		0.050	UG/L	95-3	12/01/1999	MAN
Heptachlor epoxide	ND		0.050	UG/L	95-3	12/01/1999	MAN
Methoxychlor	ND		0.50	UG/L	95-3	12/01/1999	MAN
PCB-1016	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1221	ND		2.0	UG/L	95-3	12/01/1999	MAN
PCB-1232	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1242	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1248	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1254	ND		1.0	UG/L	95-3	12/01/1999	MAN
PCB-1260	ND		1.0	UG/L	95-3	12/01/1999	MAN
Toxaphene	ND		5.0	UG/L	95-3	12/01/1999	MAN

Sample ID: TB-1
Lab Sample ID: A9752805
Date Collected: 11/04/1999
Time Collected: :

Date Received: 11/09/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,1-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,2-Dichlorethene (Total)	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
2-Butanone	ND		10	UG/L	95-1	11/19/1999 19:29	AH
2-Hexanone	ND		10	UG/L	95-1	11/19/1999 19:29	AH
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Acetone	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Benzene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Bromodichloromethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Bromoform	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Bromomethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Carbon disulfide	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Carbon tetrachloride	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Chlorobenzene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Chloroethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Chloroform	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Chloromethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Dibromochloromethane	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Ethylbenzene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Methylene chloride	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Styrene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Tetrachloroethene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Toluene	1	J	10	UG/L	95-1	11/19/1999 19:29	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Trichloroethene	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Vinyl chloride	ND		10	UG/L	95-1	11/19/1999 19:29	AH
Xylene, Total	ND		10	UG/L	95-1	11/19/1999 19:29	AH

INORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES, INC.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates compound was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

TABLE AS-1.0
7099-3024A
SEVERN TRENT LABS-BUFFALO
TAL METALS

Aqueous

All values are ug/L.

Client Sample I.D.	SW-1			
Lab Sample I.D.	993024A-03			
Aluminum	296.			
Antimony	6.0U			
Arsenic	5.7B			
Barium	482.			
Beryllium	1.0U			
Cadmium	8.6			
Calcium	42800			
Chromium	2.0U			
Cobalt	2.7B			
Copper	6.6B			
Iron	2930			
Lead	1740			
Magnesium	5200			
Manganese	552.			
Mercury	0.10U			
Nickel	9.8B			
Potassium	15600			
Selenium	5.0UN			
Silver	1.0U			
Sodium	28700			
Thallium	10.0U			
Vanadium	2.0U			
Zinc	361.			

See Appendix for qualifier definitions

Soil

TABLE AS-1.1
7099-3024A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	SS-1	TP-1-SOIL		
Lab Sample I.D.	993024A-01	993024A-02		
Aluminum	3400*	16200*		
Antimony	2.4U	1.7U		
Arsenic	7.6	6.4		
Barium	976.	314.		
Beryllium	0.34U	3.4		
Cadmium	1.8	0.24U		
Calcium	40500	75200		
Chromium	5.9	6.9		
Cobalt	5.1B	3.8B		
Copper	31.0	34.7		
Iron	14500*	14000*		
Lead	2340	261.		
Magnesium	4750	11700		
Manganese	330.	837.		
Mercury	0.14	0.24		
Nickel	9.9B	27.4		
Potassium	674.B	1060B		
Selenium	1.7UN	1.5N		
Silver	0.54B	0.38B		
Sodium	380.B	616.B		
Thallium	3.4U	2.4U		
Vanadium	7.1B	6.5B		
Zinc	1630	154.		

See Appendix for qualifier definitions

STL
Committed To *Your* Success

Report To:
Contact: Rob Ryan
Company: NYSDEC (Reg. 8)
Address: 6274 E. Avon-Lima Rd
Avon, NY 14414
Phone: (716) 226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSDEC (Reg. 8)
Address:
Phone:
Fax:
PO#: Quote:

Internal Use Only

Sampler Name: Paul Angelillo - IT Corp
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOA	Metals/CN-	SVOA	ASPP/PCB	TCL VOAS	Metals	TCL SVOA	TCL Pest/PCB	Additional Analyses / Remarks
	SS-1	11/8/99	1130	S	G	X								2 oz gl (1)
	SS-1	11/8/99	1130	S	G		X	X	X					16 oz gl (1)
	TP-1-soil	11/8/99	1400	S	G	X								2 oz gl (1)
	TP-1-soil	11/8/99	1400	S	G		X	X	X					16 oz gl (1)
	TP-1-water	11/8/99	1415	W	G	X				X				40ml gl (4)
	SW-1	11/8/99	1215	W	G	X				X				40ml gl (4)
	TB-1	11/4/99	—	W	-	X				X				40ml gl (1) trip blank
	SW-1	11/8/99	1215	W	G						X			500ml poly (1) HNO3 preserved
	SW-1	11/8/99	1215	W	G							X		1L gl (2)
	SW-1	11/8/99	1215	W	G								X	1L gl (2)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	IT Corp	11/8/99	1700				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
= _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:

Courier:

Bill of Lading:

SAMPLES RECEIVED 11/13/99
(COLLECTED 11/10/99 &11/11/99)

SAMPLES RECEIVED 11/13/99
(COLLECTED 11/10/99 &11/11/99)

Committed To *Your* Success

December 29, 1999

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #:	RH899
SDG #:	11210W
Matrix:	Water
Samples Received:	11/13/99
Sample Date:	11/10/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Laboratory Manager

KPK/SLT/rtv
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. #A99-7678, A99-7679
#7A7260-8

This report contains 181 pages which are individually numbered

Committed To *Your* Success

SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	RH899
SDG Number:	11210W
Sample Identification:	TP-3-WATER TP-3-WATER MS TP-3-WATER SD TRIP BLANK

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is enclosed on the specific data table. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

All samples were unpreserved.

Due to the high concentration of some target compounds, sample TP-3-WATER was analyzed at an initial dilution factor of 20 and samples TP-3-WATER MS and TP-3-WATER SD were analyzed at an initial dilution factor of 200. Sample TP-3-WATER required a secondary dilution.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

All samples were extracted by separatory funnel.

Due to sample thickness, samples TP-3-WATER, TP-3-WATER MS, and TP-3-WATER SD could not be concentrated to the required 1.0 ml final volume. The sample were instead concentrated to a 50 ml final volume. These samples were also analyzed at an initial dilution factor of 50. As a result, all surrogates and spiking compounds were diluted out.

SBLK43 shows contamination of 1,2-Dichlorobenzene as slightly above quality control limits. Due to the elevated final volumes and required dilutions of the associated samples, these samples were not re-extracted.

PESTICIDES DATA

Surrogates were inadvertently not added to standard ICM48BC01.

Due to sample thickness, samples TP-3-WATER, TP-3-WATER MS, and TP-3-WATER SD could not be concentrated to the required 10 ml final volume. Sample TP-3-WATER was concentrated to a final volume of 50 ml. Sample TP-3-WATER MS was concentrated to a final volume of 60 ml. Sample TP-3-WATER SD was concentrated to a final volume of 30 ml. These samples were analyzed at an initial dilution factor of 10. As a result, all surrogates and spiking compounds were diluted out.

Due to the elevated final volumes and required dilutions, there was a low concentration of the spiking compounds observed. Due to the low concentration of spiking compounds, samples TP-3-WATER MS and TP-3-WATER SD show the spike recoveries of gamma-BHC (Lindane), Aldrin, Dieldrin, Endrin, and 4,4'-DDT as outside quality control limits. Also, the %RPD of gamma-BHC (Lindane), Heptachlor, Dieldrin, Endrin, and 4,4'-DDT is above quality control limits.

PBLK03 shows the recovery of surrogates TCX1 and TCX2 as outside quality control limits.

METALS DATA

Metals analyses were performed by Severn Trent Laboratories, Monroe, CT. Results are enclosed in a self-contained data package.

STL
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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

12/29/99
Date

Committed To *Your* Success

January 14, 2000

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #:	SH899
SDG #:	11210S
Matrix:	Soil
Samples Received:	11/13/99
Sample Date:	11/11/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Laboratory Manager

KPK/SLT/rtv
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. #A99-7680, A99-7681
#7A7260-8

This report contains 1069 pages which are individually numbered

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SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	SH899
SDG Number:	11210S
Sample Identification:	SS #2-SOIL SS #3-SOIL SS #3-SOIL MD SS #3-SOIL MS SS #3-SOIL SD SS #4-SOIL BD-SURFACE SOIL

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is enclosed on the specific data table. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Sample Volatile Holding Blank was unpreserved.

Samples SS #3-SOIL MS and SS #3-SOIL SD were analyzed outside of holding time.

Sample SS #3-SOIL SD shows the spike recovery below quality control limits for Chlorobenzene.

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SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Due to sample thickness during sample concentration step, the following samples could not be concentrated to the required 0.5 ml final volume: SS #2-SOIL- concentrated to a 1.0 ml final volume; SS #4-SOIL- concentrated to a 5.0 ml final volume.

Due to severe sample matrix, the following samples were analyzed at an initial dilution factor: BD-SURFACE SOIL(20X), BD-SURFACE SOIL RE(100X), SS #2-SOIL(20X), SS #3-SOIL(10X), SS #4-SOIL(5X), and SS #3-SOIL MS(10X). Due to the high required dilutions, samples BD-SURFACE SOIL RE and SS #4-SOIL showed all surrogates diluted out. Also, due to the high required dilution, sample SS #2-SOIL showed surrogates 1,2-Dichlorobenzene-D4 and Nitrobenzene-D5 as diluted out. The other surrogates in this sample were diluted to a concentration below the linear range of their calibration and are therefore considered as estimated.

Due to a problem during organic preparation, all spike and surrogate compounds were lost from sample SS #3-SOIL SD. As a result, SS #3-SOIL MS and SS #3-SOIL SD show the %RPD of all compounds as above quality control limits.

MSBLANK shows the spike recovery of 2,4-Dinitrotoluene as above quality control limits.

Sample BD-SURFACE SOIL shows the recovery of internal standard Perylene-D12 as below quality control limits. Due to severe sample matrix, the sample was re-injected at a greater dilution factor than the original analysis. BD-SURFACE SOIL RE shows compliant recoveries for all internal standards.

PESTICIDES/AROCLORS DATA

All samples and blanks were contaminated by Endrin, Endrin Aldehyde, and Endrin Ketone.

Samples have a heavy matrix and may has positive results.

The Continuing Calibration Verification, INDBM07 on channel A, shows a %D for Endrin Aldehyde as above quality control limits (31%). However, all other CCV's are compliant.

Samples SS #3-SOIL and SS#4-SOIL was very highly effected by sample matrix. The samples were highly colored and exhibited some positive results. The samples also had low surrogate recoveries due to the matrix effect.

Sample BD-SURFACE SOIL was re-prepped outside of holding time due to the sample being lost on the GPC.

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METALS DATA

Metals analyses for job A99-7681 were performed by Severn Trent Laboratories, Monroe, CT. Results are enclosed in a self-contained data package.

WET CHEMISTRY DATA

No deviations from protocol were observed during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

1/17/2000
Date

Committed To *Your* Success

Severn Trent Laboratories
10 Hazelwood Drive
Amherst, NY 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

January 18, 2000

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: SH899
SDG #: 11210
Matrix: Soil
Samples Received: 11/13/99
Sample Dates: 11/10,11/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith / Christopher A Spencer
Laboratory Manager

KPK/SLT/rtv
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. (#A99-7675)
#7A7260-8

This report contains 2532 pages which are individually numbered

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SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	RH899
SDG Number:	11210
Sample Identification:	TP-2-SOIL TP-3-SOIL TP-4-SOIL TP-5A-SOIL TP-5B-SOIL TP-7A-SOIL TP-7B-SOIL TP-8-SOIL TP-8-SOIL MD TP-8-SOIL MS TP-8-SOIL SD TP-10-SOIL TP-12-SOIL BD-SOIL MW1D-SOIL

METHODOLOGIES

The specific methodologies employed in obtaining the enclosed analytical results are enclosed on the specific data tables. The method numbers presented refer to the following U.S. Environmental Protection Agency references:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

This report includes the following Severn Trent jobs: A99-7675, A99-7676, A99-7682, and A99-7683.

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VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Both Volatile Holding Blanks samples were unpreserved.

Due to severe sample matrix, all soil samples were analyzed by medium level soil extraction method. Also, the following samples were analyzed at an initial dilution factor: MW1D-SOIL(10X), TP-5B-SOIL MS(20X), and TP-5B-SOIL SD(20X).

Due to the high concentration of some target compounds, the following samples required a secondary dilution: MW1D-SOIL, TP-10-SOIL, TP-4-SOIL, TP-5B-SOIL, and TP-8-SOIL.

Sample TP-8-SOIL DL was analyzed outside analytical holding time.

The following samples all show the recovery of surrogate p-Bromofluorobenzene as above quality control limits: BD-SOIL, BD-SOIL RE, TP-2-SOIL, TP-2-SOIL RE, TP-3-SOIL, TP-3-SOIL RE, TP-5A-SOIL, and TP-5A-SOIL RE.

Sample TP-5B-SOIL shows the recovery of surrogate p-Bromofluorobenzene as above quality control limits. Due to the high concentration of some target compounds, this sample was not re-analyzed. TP-5B-SOIL DL shows compliant recoveries for all surrogates.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Due to sample thickness during sample concentration, TP-3-SOIL was concentrated to a 5 ml final volume instead of the required 0.5 ml final volume.

Due to severe sample matrix, the following samples were analyzed at an initial dilution factor: BD-SOIL(5X), MW1D-SOIL(10X), TP-2-SOIL(10X), TP-4-SOIL(5X), TP-5B-SOIL(5X), TP-7A-SOIL (5X), TP-7A-SOIL RE(50X), TP-7B-SOIL(5X), TP-8-SOIL(20X), TP-10-SOIL(20X), TP-12-SOIL(5X), TP-8-SOIL MS(20X), and TP-8-SOIL SD(20X). Samples TP-3-SOIL and TP-5B-SOIL required a secondary dilution.

Samples TP-3-SOIL and TP-12-SOIL were inadvertently spiked with twice the required amount of surrogate.

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SEMIVOLATILE DATA CON'T

As a result of the high required dilution, sample TP-3-SOIL DL showed all surrogates diluted out.

As a result of the high required dilutions, samples TP-5B-SOIL DL and TP-7A-SOIL RE showed some surrogates diluted out. Also, the concentration of some surrogates were diluted to a concentration below the linear range of the initial calibration standard curve. The recoveries of these surrogates are therefore considered as estimates.

MSBLANK shows the spike recovery of 2,4-Dinitrotoluene as above quality control limits.

Samples TP-8-SOIL MS and TP-8-SOIL SD both show Pentachlorophenol as diluted out. Also, TP-8-SOIL SD shows the spike recovery of Pyrene as above quality control limits. The %RPD of 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene, Acenaphthene, and Pyrene is above quality control limits.

Sample TP-3-SOIL shows the recovery of internal standards 1,4-Dichlorobenzene-D4 and Perylene-D12 as outside quality control limits. Due to severe sample matrix and the high concentration of some target compounds, the sample was not re-analyzed. Sample TP-3-SOIL DL shows compliant recoveries for all internal standards.

Sample TP-5B-SOIL shows the recovery of internal standards Acenaphthene-D10, Chrysene-D12, Naphthalene-D8, Phenanthrene-D10, and Perylene-D12 as outside quality control limits. Due to severe sample matrix and the high concentration of 1,2-Dichlorobenzene, the sample was not re-analyzed. Sample TP-5B-SOIL DL shows the recovery of internal standards Chrysene-D12, Phenanthrene-D10, and Perylene-D12 as outside quality control limits.

Sample TP-8-SOIL shows the recovery of internal standard 1,4-Dichlorobenzene-D4 as outside quality control limits. Samples TP-8-SOIL MS and TP-8-SOIL SD both show the recovery of internal standard Perylene-D12 as outside quality control limits.

Sample TP-7A-SOIL shows the recovery of internal standards Acenaphthene-D10, Chrysene-D12, Naphthalene-D8, and Phenanthrene-D10 as outside quality control limits, requiring re-injection. Sample TP-7A-SOIL was originally analyzed at a dilution factor of 5.0, but due to severe sample matrix, it was analyzed at a dilution factor of 50. Sample TP-7A-SOIL RE shows compliant recoveries for all internal standards.

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PESTICIDES/AROCLORS DATA

The Method Blank (A9B10019701) exhibited positive results for Endrin, Endrin Ketone, and Endrin Aldehyde. Affected samples are flagged with "B" qualifiers.

Samples TP-8-SOIL, TP-8-SOIL MS, and TP-8-SOIL SD were analyzed at a dilution factor of 10 due to the positive results of the Method Blank and sample matrix. The surrogates were diluted out. This also caused the spike recoveries to be skewed below quality control limits.

Sample TP-2-SOIL exhibited surrogate recoveries above quality control limits for Decachlorobiphenyl. However, the recovery of Tetrachloro-m-xylene was compliant.

Sample TP-10-SOIL exhibited surrogate recoveries above quality control limits for Decachlorobiphenyl (DCB1 and 2). However, the recovery of Tetrachloro-m-xylene was compliant.

Sample TP-12-SOIL exhibited surrogate recoveries above quality control limits for Tetrachloro-m-xylene (TCX1 and 2). However, the recovery of Decachlorobiphenyl was compliant.

The Continuing Calibration Verification INDBM07, on channel A, showed a %D greater than the quality control limit of 25%(31%D). However, all other CCV's were acceptable.

METALS DATA

Metals analyses for job A99-7681 were performed by Severn Trent Laboratories, Monroe, CT. Results are enclosed in a self-contained data package.

WET CHEMISTRY DATA

No deviations from protocol were observed during the analytical procedures.

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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith /Christopher F. Spencer
Laboratory Manager

1/19/00
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U	-	Indicates compound was analyzed for but not detected.
J	-	Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	-	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	-	This flag is used when the analyte is found in the associated blank as well as in the sample.
E	-	This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
D	-	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
T	-	This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.
N	-	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
P	-	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
A	-	This flag indicates that a TIC is a suspected aldol-condensation product.

Sample ID: TP3WATER
Lab Sample ID: A9767801
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
1,2-Dichlorobenzene	19000	BJ	25000	UG/L	95-2	11/30/1999 09:20	PM
1,3-Dichlorobenzene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
1,4-Dichlorobenzene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2,4,5-Trichlorophenol	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
2,4,6-Trichlorophenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2,4-Dichlorophenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2,4-Dimethylphenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2,4-Dinitrophenol	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
2,4-Dinitrotoluene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2,6-Dinitrotoluene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2-Chloronaphthalene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2-Chlorophenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2-Methyl-4,6-dinitrophenol	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
2-Methylnaphthalene	11000	J	25000	UG/L	95-2	11/30/1999 09:20	PM
2-Methylphenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
2-Nitroaniline	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
2-Nitrophenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
3,3'-Dichlorobenzidine	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
3-Nitroaniline	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
4-Bromophenylphenylether	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
4-Chloro-3-methylphenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
4-Chloroaniline	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
4-Chlorophenylphenylether	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
4-Methylphenol	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
4-Nitroaniline	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
4-Nitrophenol	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
Acenaphthene	1300	J	25000	UG/L	95-2	11/30/1999 09:20	PM
Acenaphthylene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Anthracene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Benzo(a)anthracene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Benzo(a)pyrene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Benzo(b)fluoranthene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Benzo(g,h,i)perylene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Benzo(k)fluoranthene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
bis(2-Chloroethoxy)methane	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
bis(2-Chloroethyl)ether	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
bis(2-Chloroisopropyl)ether	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
bis(2-Ethylhexyl)phthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Butylbenzylphthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Carbazole	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Chrysene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
di-n-Butylphthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
di-n-Octylphthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Dibenzo(a,h)anthracene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Dibenzofuran	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Diethylphthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Dimethylphthalate	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Fluoranthene	1800	J	25000	UG/L	95-2	11/30/1999 09:20	PM

Sample ID: TP3WATER
Lab Sample ID: A9767801
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	1500	J	25000	UG/L	95-2	11/30/1999 09:20	PM
Hexachlorobenzene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Hexachlorobutadiene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Hexachlorocyclopentadiene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Hexachloroethane	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Indeno(1,2,3-c,d)pyrene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Isophorone	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
N-Nitroso-di-N-propylamine	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
N-Nitrosodiphenylamine	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Naphthalene	6700	J	25000	UG/L	95-2	11/30/1999 09:20	PM
Nitrobenzene	ND		25000	UG/L	95-2	11/30/1999 09:20	PM
Pentachlorophenol	ND		62000	UG/L	95-2	11/30/1999 09:20	PM
Phenanthrene	4100	J	25000	UG/L	95-2	11/30/1999 09:20	PM
Phenol	1400	BJ	25000	UG/L	95-2	11/30/1999 09:20	PM
Pyrene	2100	J	25000	UG/L	95-2	11/30/1999 09:20	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	6.1		5.0	UG/L	95-3	12/07/1999	MAN
4,4'-DDE	2.5	J	5.0	UG/L	95-3	12/07/1999	MAN
4,4'-DDT	ND		5.0	UG/L	95-3	12/07/1999	MAN
Aldrin	ND		2.5	UG/L	95-3	12/07/1999	MAN
alpha-BHC	0.65	JP	2.5	UG/L	95-3	12/07/1999	MAN
beta-BHC	ND		2.5	UG/L	95-3	12/07/1999	MAN
Chlordane (alpha & gamma)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Chlordane (alpha & gamma)	ND		2.5	UG/L	95-3	12/07/1999	MAN
delta-BHC	ND		2.5	UG/L	95-3	12/07/1999	MAN
Dieldrin	0.54	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endosulfan I (Alpha)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Endosulfan II (Beta)	3.4	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endosulfan sulfate	3.5	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin	0.49	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin aldehyde	2.2	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin ketone	1.5	J	5.0	UG/L	95-3	12/07/1999	MAN
gamma-BHC (Lindane)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Heptachlor	ND		2.5	UG/L	95-3	12/07/1999	MAN
Heptachlor epoxide	ND		2.5	UG/L	95-3	12/07/1999	MAN
Methoxychlor	46	P	25	UG/L	95-3	12/07/1999	MAN
PCB-1016	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1221	ND		100	UG/L	95-3	12/07/1999	MAN
PCB-1232	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1242	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1248	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1254	74	P	50	UG/L	95-3	12/07/1999	MAN
PCB-1260	ND		50	UG/L	95-3	12/07/1999	MAN
Toxaphene	ND		250	UG/L	95-3	12/07/1999	MAN
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
1,1,2,2-Tetrachloroethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW

Sample ID: TP3WATER
Lab Sample ID: A9767801
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
1,1-Dichloroethane	70	J	200	UG/L	95-1	11/19/1999 04:12	AJW
1,1-Dichloroethene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
1,2-Dichlorethene (Total)	38	J	200	UG/L	95-1	11/19/1999 04:12	AJW
1,2-Dichloroethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
1,2-Dichloropropane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
2-Butanone	270		200	UG/L	95-1	11/19/1999 04:12	AJW
2-Hexanone	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
4-Methyl-2-pentanone	84	J	200	UG/L	95-1	11/19/1999 04:12	AJW
Acetone	1300		200	UG/L	95-1	11/19/1999 04:12	AJW
Benzene	69	J	200	UG/L	95-1	11/19/1999 04:12	AJW
Bromodichloromethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Bromoform	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Bromomethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Carbon disulfide	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Carbon tetrachloride	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Chlorobenzene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Chloroethane	320		200	UG/L	95-1	11/19/1999 04:12	AJW
Chloroform	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Chloromethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
cis-1,3-Dichloropropene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Dibromochloromethane	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Ethylbenzene	1100		200	UG/L	95-1	11/19/1999 04:12	AJW
Methylene chloride	23	J	200	UG/L	95-1	11/19/1999 04:12	AJW
Styrene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Tetrachloroethene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Toluene	6500	BE	200	UG/L	95-1	11/19/1999 04:12	AJW
trans-1,3-Dichloropropene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Trichloroethene	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Vinyl chloride	ND		200	UG/L	95-1	11/19/1999 04:12	AJW
Xylene, Total	6600		200	UG/L	95-1	11/19/1999 04:12	AJW

Sample ID: TP-3-WATER DL
Lab Sample ID: A9767801DL
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,1,2,2-Tetrachloroethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,1,2-Trichloroethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,1-Dichloroethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,1-Dichloroethene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,2-Dichlorethene (Total)	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,2-Dichloroethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
1,2-Dichloropropane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
2-Butanone	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
2-Hexanone	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
4-Methyl-2-pentanone	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Acetone	970	DJ	2000	UG/L	95-1	11/21/1999 16:57	AJW
Benzene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Bromodichloromethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Bromoform	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Bromomethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Carbon disulfide	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Carbon tetrachloride	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Chlorobenzene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Chloroethane	340	DJ	2000	UG/L	95-1	11/21/1999 16:57	AJW
Chloroform	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Chloromethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
cis-1,3-Dichloropropene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Dibromochloromethane	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Ethylbenzene	1500	DJ	2000	UG/L	95-1	11/21/1999 16:57	AJW
Methylene chloride	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Styrene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Tetrachloroethene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Toluene	9000	D	2000	UG/L	95-1	11/21/1999 16:57	AJW
trans-1,3-Dichloropropene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Trichloroethene	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Vinyl chloride	ND		2000	UG/L	95-1	11/21/1999 16:57	AJW
Xylene, Total	8300	D	2000	UG/L	95-1	11/21/1999 16:57	AJW

Sample ID: TP3WATER
Lab Sample ID: A9767801
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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	6.1		5.0	UG/L	95-3	12/07/1999	MAN
4,4'-DDE	2.5	J	5.0	UG/L	95-3	12/07/1999	MAN
4,4'-DDT	ND		5.0	UG/L	95-3	12/07/1999	MAN
Aldrin	ND		2.5	UG/L	95-3	12/07/1999	MAN
alpha-BHC	0.65	JP	2.5	UG/L	95-3	12/07/1999	MAN
beta-BHC	ND		2.5	UG/L	95-3	12/07/1999	MAN
Chlordane (alpha & gamma)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Chlordane (alpha & gamma)	ND		2.5	UG/L	95-3	12/07/1999	MAN
delta-BHC	ND		2.5	UG/L	95-3	12/07/1999	MAN
Dieldrin	0.54	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endosulfan I (Alpha)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Endosulfan II (Beta)	3.4	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endosulfan sulfate	3.5	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin	0.49	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin aldehyde	2.2	JP	5.0	UG/L	95-3	12/07/1999	MAN
Endrin ketone	1.5	J	5.0	UG/L	95-3	12/07/1999	MAN
gamma-BHC (Lindane)	ND		2.5	UG/L	95-3	12/07/1999	MAN
Heptachlor	ND		2.5	UG/L	95-3	12/07/1999	MAN
Heptachlor epoxide	ND		2.5	UG/L	95-3	12/07/1999	MAN
Methoxychlor	46	P	25	UG/L	95-3	12/07/1999	MAN
PCB-1016	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1221	ND		100	UG/L	95-3	12/07/1999	MAN
PCB-1232	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1242	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1248	ND		50	UG/L	95-3	12/07/1999	MAN
PCB-1254	74	P	50	UG/L	95-3	12/07/1999	MAN
PCB-1260	ND		50	UG/L	95-3	12/07/1999	MAN
Toxaphene	ND		250	UG/L	95-3	12/07/1999	MAN

Sample ID: SS #2-SOIL
Lab Sample ID: A9768001
Date Collected: 11/10/1999
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Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal t
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
1,2-Dichlorobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
1,3-Dichlorobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
1,4-Dichlorobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2,4,5-Trichlorophenol	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
2,4,6-Trichlorophenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2,4-Dichlorophenol	13000	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
2,4-Dimethylphenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2,4-Dinitrophenol	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
2,4-Dinitrotoluene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2,6-Dinitrotoluene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2-Chloronaphthalene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2-Chlorophenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2-Methyl-4,6-dinitrophenol	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
2-Methylnaphthalene	2400	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
2-Methylphenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
2-Nitroaniline	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
2-Nitrophenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
3,3'-Dichlorobenzidine	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
3-Nitroaniline	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
4-Bromophenylphenylether	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
4-Chloro-3-methylphenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
4-Chloroaniline	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
4-Chlorophenylphenylether	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
4-Methylphenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
4-Nitroaniline	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
4-Nitrophenol	ND		36000	UG/KG	95-2	12/07/1999 21:45	PM
Acenaphthene	2300	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Acenaphthylene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Anthracene	6000	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Benzo(a)anthracene	15000		15000	UG/KG	95-2	12/07/1999 21:45	PM
Benzo(a)pyrene	5400	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Benzo(b)fluoranthene	8200	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Benzo(g,h,i)perylene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Benzo(k)fluoranthene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
bis(2-Chloroethoxy)methane	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
bis(2-Chloroethyl)ether	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
bis(2-Chloroisopropyl)ether	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
bis(2-Ethylhexyl)phthalate	1700	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Butylbenzylphthalate	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Carbazole	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Chrysene	27000		15000	UG/KG	95-2	12/07/1999 21:45	PM
di-n-Butylphthalate	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
di-n-Octylphthalate	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Dibenzo(a,h)anthracene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Dibenzofuran	2300	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Diethylphthalate	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Dimethylphthalate	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Fluoranthene	15000		15000	UG/KG	95-2	12/07/1999 21:45	PM

Sample ID: SS #2-SOIL
Lab Sample ID: A9768001
Date Collected: 11/10/1999
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Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	4200	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Hexachlorobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Hexachlorobutadiene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Hexachlorocyclopentadiene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Hexachloroethane	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Indeno(1,2,3-c,d)pyrene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Isophorone	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
N-Nitroso-di-N-propylamine	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
N-Nitrosodiphenylamine	4400	J	15000	UG/KG	95-2	12/07/1999 21:45	PM
Naphthalene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Nitrobenzene	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Pentachlorophenol	11000	J	36000	UG/KG	95-2	12/07/1999 21:45	PM
Phenanthrene	27000		15000	UG/KG	95-2	12/07/1999 21:45	PM
Phenol	ND		15000	UG/KG	95-2	12/07/1999 21:45	PM
Pyrene	39000		15000	UG/KG	95-2	12/07/1999 21:45	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,1-Dichloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,1-Dichloroethene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,2-Dichlorethene (Total)	2	J	11	UG/KG	95-1	11/23/1999 12:15	CAS
1,2-Dichloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
1,2-Dichloropropane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
2-Butanone	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
2-Hexanone	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
4-Methyl-2-pentanone	16		11	UG/KG	95-1	11/23/1999 12:15	CAS
Acetone	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Benzene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Bromodichloromethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Bromoform	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Bromomethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Carbon disulfide	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Carbon tetrachloride	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Chlorobenzene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Chloroethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Chloroform	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Chloromethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Dibromochloromethane	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Ethylbenzene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Methylene chloride	5	BJ	11	UG/KG	95-1	11/23/1999 12:15	CAS
Styrene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Tetrachloroethene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Toluene	2	BJ	11	UG/KG	95-1	11/23/1999 12:15	CAS
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Trichloroethene	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Vinyl chloride	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS

Sample ID: SS #2-SOIL
Lab Sample ID: A9768001
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	ND		11	UG/KG	95-1	11/23/1999 12:15	CAS
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	8.4		0	S.U.	9045	11/19/1999	SH

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Lab Sample ID: A9768001
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Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	160	JP	730	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		730	UG/KG	95-3	12/17/1999	
4,4'-DDT	140	JP	730	UG/KG	95-3	12/17/1999	
Aldrin	ND		380	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		380	UG/KG	95-3	12/17/1999	
beta-BHC	ND		380	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		380	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		380	UG/KG	95-3	12/17/1999	
delta-BHC	ND		380	UG/KG	95-3	12/17/1999	
Dieldrin	990	P	730	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		380	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	400	JP	730	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		730	UG/KG	95-3	12/17/1999	
Endrin	380	BJP	730	UG/KG	95-3	12/17/1999	
Endrin aldehyde	ND		730	UG/KG	95-3	12/17/1999	
Endrin ketone	ND		730	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		380	UG/KG	95-3	12/17/1999	
Heptachlor	ND		380	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		380	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		3800	UG/KG	95-3	12/17/1999	
PCB-1016	ND		7300	UG/KG	95-3	12/17/1999	
PCB-1221	ND		15000	UG/KG	95-3	12/17/1999	
PCB-1232	ND		7300	UG/KG	95-3	12/17/1999	
PCB-1242	ND		7300	UG/KG	95-3	12/17/1999	
PCB-1248	ND		7300	UG/KG	95-3	12/17/1999	
PCB-1254	ND		7300	UG/KG	95-3	12/17/1999	
PCB-1260	ND		7300	UG/KG	95-3	12/17/1999	
Toxaphene	ND		38000	UG/KG	95-3	12/17/1999	

Sample ID: SS #2-SOIL DL
Lab Sample ID: A9768001DL
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	460	DJP	7300	UG/KG	95-3	12/18/1999	
4,4'-DDE	ND		7300	UG/KG	95-3	12/18/1999	
4,4'-DDT	ND		7300	UG/KG	95-3	12/18/1999	
Aldrin	ND		3800	UG/KG	95-3	12/18/1999	
alpha-BHC	ND		3800	UG/KG	95-3	12/18/1999	
beta-BHC	ND		3800	UG/KG	95-3	12/18/1999	
Chlordane (alpha & gamma)	ND		3800	UG/KG	95-3	12/18/1999	
Chlordane (alpha & gamma)	ND		3800	UG/KG	95-3	12/18/1999	
delta-BHC	ND		3800	UG/KG	95-3	12/18/1999	
Dieldrin	1300	DJP	7300	UG/KG	95-3	12/18/1999	
Endosulfan I (Alpha)	ND		3800	UG/KG	95-3	12/18/1999	
Endosulfan II (Beta)	ND		7300	UG/KG	95-3	12/18/1999	
Endosulfan sulfate	ND		7300	UG/KG	95-3	12/18/1999	
Endrin	860	BDJP	7300	UG/KG	95-3	12/18/1999	
Endrin aldehyde	ND		7300	UG/KG	95-3	12/18/1999	
Endrin ketone	ND		7300	UG/KG	95-3	12/18/1999	
gamma-BHC (Lindane)	ND		3800	UG/KG	95-3	12/18/1999	
Heptachlor	ND		3800	UG/KG	95-3	12/18/1999	
Heptachlor epoxide	ND		3800	UG/KG	95-3	12/18/1999	
Methoxychlor	ND		38000	UG/KG	95-3	12/18/1999	
PCB-1016	ND		73000	UG/KG	95-3	12/18/1999	
PCB-1221	ND		150000	UG/KG	95-3	12/18/1999	
PCB-1232	ND		73000	UG/KG	95-3	12/18/1999	
PCB-1242	ND		73000	UG/KG	95-3	12/18/1999	
PCB-1248	ND		73000	UG/KG	95-3	12/18/1999	
PCB-1254	ND		73000	UG/KG	95-3	12/18/1999	
PCB-1260	ND		73000	UG/KG	95-3	12/18/1999	
Toxaphene	ND		380000	UG/KG	95-3	12/18/1999	

Sample ID: TP-2-SOIL
Lab Sample ID: A9767501
Date Collected: 11/10/1999
Time Collected: 08:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
1,2-Dichlorobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
1,3-Dichlorobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
1,4-Dichlorobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2,4,5-Trichlorophenol	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
2,4,6-Trichlorophenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2,4-Dichlorophenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2,4-Dimethylphenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2,4-Dinitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
2,4-Dinitrotoluene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2,6-Dinitrotoluene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2-Chloronaphthalene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2-Chlorophenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2-Methyl-4,6-dinitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
2-Methylnaphthalene	650	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
2-Methylphenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
2-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
2-Nitrophenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
3,3'-Dichlorobenzidine	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
3-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
4-Bromophenylphenylether	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
4-Chloro-3-methylphenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
4-Chloroaniline	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
4-Chlorophenylphenylether	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
4-Methylphenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
4-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
4-Nitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
Acenaphthene	1600	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Acenaphthylene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Anthracene	800	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Benzo(a)anthracene	970	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Benzo(a)pyrene	650	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Benzo(b)fluoranthene	1800	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Benzo(g,h,i)perylene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Benzo(k)fluoranthene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
bis(2-Chloroethoxy)methane	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
bis(2-Chloroethyl)ether	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
bis(2-Chloroisopropyl)ether	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
bis(2-Ethylhexyl)phthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Butylbenzylphthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Carbazole	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Chrysene	1100	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
di-n-Butylphthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
di-n-Octylphthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Dibenzo(a,h)anthracene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Dibenzofuran	1000	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Diethylphthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Dimethylphthalate	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Fluoranthene	3500	J	4400	UG/KG	95-2	12/13/1999 13:11	PM

Sample ID: TP-2-SOIL
Lab Sample ID: A9767501
Date Collected: 11/10/1999
Time Collected: 08:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	1700	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Hexachlorobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Hexachlorobutadiene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Hexachlorocyclopentadiene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Hexachloroethane	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Indeno(1,2,3-c,d)pyrene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Isophorone	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
N-Nitroso-di-N-propylamine	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
N-Nitrosodiphenylamine	960	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Naphthalene	1700	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Nitrobenzene	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Pentachlorophenol	ND		11000	UG/KG	95-2	12/13/1999 13:11	PM
Phenanthrene	2800	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
Phenol	ND		4400	UG/KG	95-2	12/13/1999 13:11	PM
Pyrene	3400	J	4400	UG/KG	95-2	12/13/1999 13:11	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,1,2,2-Tetrachloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,1,2-Trichloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,1-Dichloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,1-Dichloroethene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,2-Dichlorethene (Total)	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,2-Dichloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
1,2-Dichloropropane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
2-Butanone	1200	J	1700	UG/KG	95-1	11/22/1999 20:43	AH
2-Hexanone	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
4-Methyl-2-pentanone	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Acetone	1100	J	1700	UG/KG	95-1	11/22/1999 20:43	AH
Benzene	370	J	1700	UG/KG	95-1	11/22/1999 20:43	AH
Bromodichloromethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Bromoform	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Bromomethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Carbon disulfide	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Carbon tetrachloride	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Chlorobenzene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Chloroethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Chloroform	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Chloromethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
cis-1,3-Dichloropropene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Dibromochloromethane	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Ethylbenzene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Methylene chloride	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Styrene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Tetrachloroethene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Toluene	2100		1700	UG/KG	95-1	11/22/1999 20:43	AH
trans-1,3-Dichloropropene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Trichloroethene	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH
Vinyl chloride	ND		1700	UG/KG	95-1	11/22/1999 20:43	AH

Sample ID: TP-2-SOIL
Lab Sample ID: A9767501
Date Collected: 11/10/1999
Time Collected: 08:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	10000		1700	UG/KG	95-1	11/22/1999 20:43	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.6		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-2-SOIL RE
Lab Sample ID: A9767501RI
Date Collected: 11/10/1999
Time Collected: 08:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,1,2,2-Tetrachloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,1,2-Trichloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,1-Dichloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,1-Dichloroethene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,2-Dichlorethene (Total)	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,2-Dichloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
1,2-Dichloropropane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
2-Butanone	1700		1700	UG/KG	95-1	11/23/1999 19:17	AH
2-Hexanone	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
4-Methyl-2-pentanone	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Acetone	2000		1700	UG/KG	95-1	11/23/1999 19:17	AH
Benzene	390	J	1700	UG/KG	95-1	11/23/1999 19:17	AH
Bromodichloromethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Bromoform	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Bromomethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Carbon disulfide	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Carbon tetrachloride	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Chlorobenzene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Chloroethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Chloroform	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Chloromethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
cis-1,3-Dichloropropene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Dibromochloromethane	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Ethylbenzene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Methylene chloride	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Styrene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Tetrachloroethene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Toluene	2200		1700	UG/KG	95-1	11/23/1999 19:17	AH
trans-1,3-Dichloropropene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Trichloroethene	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Vinyl chloride	ND		1700	UG/KG	95-1	11/23/1999 19:17	AH
Xylene, Total	9700		1700	UG/KG	95-1	11/23/1999 19:17	AH

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Sample ID: TP2-SOIL
Lab Sample ID: A9767501
Date Collected: 11/10/1999
Time Collected: 08:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		22	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		22	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		22	UG/KG	95-3	12/17/1999	
Aldrin	ND		11	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		11	UG/KG	95-3	12/17/1999	
beta-BHC	ND		11	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		11	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		11	UG/KG	95-3	12/17/1999	
delta-BHC	ND		11	UG/KG	95-3	12/17/1999	
Dieldrin	13	J	22	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		11	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		22	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		22	UG/KG	95-3	12/17/1999	
Endrin	560	B	22	UG/KG	95-3	12/17/1999	
Endrin aldehyde	ND		22	UG/KG	95-3	12/17/1999	
Endrin ketone	19	BJP	22	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		11	UG/KG	95-3	12/17/1999	
Heptachlor	ND		11	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		11	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		110	UG/KG	95-3	12/17/1999	
PCB-1016	ND		220	UG/KG	95-3	12/17/1999	
PCB-1221	ND		440	UG/KG	95-3	12/17/1999	
PCB-1232	ND		220	UG/KG	95-3	12/17/1999	
PCB-1242	ND		220	UG/KG	95-3	12/17/1999	
PCB-1248	ND		220	UG/KG	95-3	12/17/1999	
PCB-1254	ND		220	UG/KG	95-3	12/17/1999	
PCB-1260	ND		220	UG/KG	95-3	12/17/1999	
Toxaphene	ND		1100	UG/KG	95-3	12/17/1999	

Sample ID: TP-3-SOIL
Lab Sample ID: A9767502
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
1,2-Dichlorobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
1,3-Dichlorobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
1,4-Dichlorobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2,4,5-Trichlorophenol	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
2,4,6-Trichlorophenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2,4-Dichlorophenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2,4-Dimethylphenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2,4-Dinitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
2,4-Dinitrotoluene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2,6-Dinitrotoluene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2-Chloronaphthalene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2-Chlorophenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2-Methyl-4,6-dinitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
2-Methylnaphthalene	41000	E	4500	UG/KG	95-2	12/13/1999 13:57	PM
2-Methylphenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
2-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
2-Nitrophenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
3,3'-Dichlorobenzidine	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
3-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
4-Bromophenylphenylether	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
4-Chloro-3-methylphenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
4-Chloroaniline	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
4-Chlorophenylphenylether	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
4-Methylphenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
4-Nitroaniline	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
4-Nitrophenol	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
Acenaphthene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Acenaphthylene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Anthracene	12000		4500	UG/KG	95-2	12/13/1999 13:57	PM
Benzo(a)anthracene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Benzo(a)pyrene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Benzo(b)fluoranthene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Benzo(g,h,i)perylene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Benzo(k)fluoranthene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
bis(2-Chloroethoxy)methane	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
bis(2-Chloroethyl)ether	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
bis(2-Chloroisopropyl)ether	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
bis(2-Ethylhexyl)phthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Butylbenzylphthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Carbazole	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Chrysene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
di-n-Butylphthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
di-n-Octylphthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Dibenzo(a,h)anthracene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Dibenzofuran	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Diethylphthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Dimethylphthalate	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Fluoranthene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM

Sample ID: TP-3-SOIL
Lab Sample ID: A9767502
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Hexachlorobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Hexachlorobutadiene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Hexachlorocyclopentadiene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Hexachloroethane	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Indeno(1,2,3-c,d)pyrene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Isophorone	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
N-Nitroso-di-N-propylamine	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
N-Nitrosodiphenylamine	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Naphthalene	13000		4500	UG/KG	95-2	12/13/1999 13:57	PM
Nitrobenzene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Pentachlorophenol	ND		11000	UG/KG	95-2	12/13/1999 13:57	PM
Phenanthrene	51000	E	4500	UG/KG	95-2	12/13/1999 13:57	PM
Phenol	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
Pyrene	ND		4500	UG/KG	95-2	12/13/1999 13:57	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,1,2,2-Tetrachloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,1,2-Trichloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,1-Dichloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,1-Dichloroethene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,2-Dichlorethene (Total)	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,2-Dichloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
1,2-Dichloropropane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
2-Butanone	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
2-Hexanone	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
4-Methyl-2-pentanone	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Acetone	1400	J	1600	UG/KG	95-1	11/22/1999 21:19	AH
Benzene	1100	J	1600	UG/KG	95-1	11/22/1999 21:19	AH
Bromodichloromethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Bromoform	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Bromomethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Carbon disulfide	180	J	1600	UG/KG	95-1	11/22/1999 21:19	AH
Carbon tetrachloride	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Chlorobenzene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Chloroethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Chloroform	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Chloromethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
cis-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Dibromochloromethane	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Ethylbenzene	18000		1600	UG/KG	95-1	11/22/1999 21:19	AH
Methylene chloride	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Styrene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Tetrachloroethene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Toluene	790	J	1600	UG/KG	95-1	11/22/1999 21:19	AH
trans-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Trichloroethene	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH
Vinyl chloride	ND		1600	UG/KG	95-1	11/22/1999 21:19	AH

Sample ID: TP-3-SOIL
Lab Sample ID: A9767502
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	56000		1600	UG/KG	95-1	11/22/1999 21:19	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.9		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-3-SOIL RE
Lab Sample ID: A9767502RI
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
1,2-Dichlorobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
1,3-Dichlorobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
1,4-Dichlorobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2,4,5-Trichlorophenol	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
2,4,6-Trichlorophenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2,4-Dichlorophenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2,4-Dimethylphenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2,4-Dinitrophenol	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
2,4-Dinitrotoluene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2,6-Dinitrotoluene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2-Chloronaphthalene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2-Chlorophenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2-Methyl-4,6-dinitrophenol	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
2-Methylnaphthalene	20000	J	90000	UG/KG	95-2	12/14/1999 13:15	PM
2-Methylphenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
2-Nitroaniline	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
2-Nitrophenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
3,3'-Dichlorobenzidine	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
3-Nitroaniline	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
4-Bromophenylphenylether	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
4-Chloro-3-methylphenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
4-Chloroaniline	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
4-Chlorophenylphenylether	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
4-Methylphenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
4-Nitroaniline	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
4-Nitrophenol	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
Acenaphthene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Acenaphthylene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Anthracene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Benzo(a)anthracene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Benzo(a)pyrene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Benzo(b)fluoranthene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Benzo(g,h,i)perylene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Benzo(k)fluoranthene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
bis(2-Chloroethoxy)methane	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
bis(2-Chloroethyl)ether	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
bis(2-Chloroisopropyl)ether	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
bis(2-Ethylhexyl)phthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Butylbenzylphthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Carbazole	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Chrysene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
di-n-Butylphthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
di-n-Octylphthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Dibenzo(a,h)anthracene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Dibenzofuran	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Diethylphthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Dimethylphthalate	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Fluoranthene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM

Sample ID: TP-3-SOIL RE
Lab Sample ID: A9767502RI
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Hexachlorobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Hexachlorobutadiene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Hexachlorocyclopentadiene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Hexachloroethane	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Indeno(1,2,3-c,d)pyrene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Isophorone	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
N-Nitroso-di-N-propylamine	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
N-Nitrosodiphenylamine	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Naphthalene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Nitrobenzene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Pentachlorophenol	ND		220000	UG/KG	95-2	12/14/1999 13:15	PM
Phenanthrene	9500	J	90000	UG/KG	95-2	12/14/1999 13:15	PM
Phenol	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
Pyrene	ND		90000	UG/KG	95-2	12/14/1999 13:15	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,1,2,2-Tetrachloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,1,2-Trichloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,1-Dichloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,1-Dichloroethene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,2-Dichlorethene (Total)	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,2-Dichloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
1,2-Dichloropropane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
2-Butanone	2200		1600	UG/KG	95-1	11/23/1999 19:53	AH
2-Hexanone	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
4-Methyl-2-pentanone	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Acetone	1900		1600	UG/KG	95-1	11/23/1999 19:53	AH
Benzene	1100	J	1600	UG/KG	95-1	11/23/1999 19:53	AH
Bromodichloromethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Bromoform	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Bromomethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Carbon disulfide	180	J	1600	UG/KG	95-1	11/23/1999 19:53	AH
Carbon tetrachloride	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Chlorobenzene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Chloroethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Chloroform	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Chloromethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
cis-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Dibromochloromethane	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Ethylbenzene	17000		1600	UG/KG	95-1	11/23/1999 19:53	AH
Methylene chloride	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Styrene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Tetrachloroethene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Toluene	710	J	1600	UG/KG	95-1	11/23/1999 19:53	AH
trans-1,3-Dichloropropene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Trichloroethene	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH
Vinyl chloride	ND		1600	UG/KG	95-1	11/23/1999 19:53	AH

Sample ID: TP-3-SOIL RE
Lab Sample ID: A9767502RI
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	50000		1600	UG/KG	95-1	11/23/1999 19:53	AH

Sample ID: TP3-SOIL
Lab Sample ID: A9767502
Date Collected: 11/10/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		43	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		43	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		43	UG/KG	95-3	12/17/1999	
Aldrin	ND		22	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		22	UG/KG	95-3	12/17/1999	
beta-BHC	ND		22	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		22	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		22	UG/KG	95-3	12/17/1999	
delta-BHC	ND		22	UG/KG	95-3	12/17/1999	
Dieldrin	13	JP	43	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		22	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		43	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		43	UG/KG	95-3	12/17/1999	
Endrin	300	B	43	UG/KG	95-3	12/17/1999	
Endrin aldehyde	30	BJP	43	UG/KG	95-3	12/17/1999	
Endrin ketone	20	BJ	43	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		22	UG/KG	95-3	12/17/1999	
Heptachlor	ND		22	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		22	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		220	UG/KG	95-3	12/17/1999	
PCB-1016	ND		430	UG/KG	95-3	12/17/1999	
PCB-1221	ND		880	UG/KG	95-3	12/17/1999	
PCB-1232	ND		430	UG/KG	95-3	12/17/1999	
PCB-1242	ND		430	UG/KG	95-3	12/17/1999	
PCB-1248	ND		430	UG/KG	95-3	12/17/1999	
PCB-1254	ND		430	UG/KG	95-3	12/17/1999	
PCB-1260	ND		430	UG/KG	95-3	12/17/1999	
Toxaphene	ND		2200	UG/KG	95-3	12/17/1999	

Sample ID: TP-4-SOIL
Lab Sample ID: A9767504
Date Collected: 11/10/1999
Time Collected: 11:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
1,2-Dichlorobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
1,4-Dichlorobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2,4,5-Trichlorophenol	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2,4-Dinitrophenol	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
2,4-Dinitrotoluene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2-Chlorophenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2-Methyl-4,6-dinitrophenol	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
2-Methylnaphthalene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2-Methylphenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
2-Nitroaniline	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
2-Nitrophenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
3-Nitroaniline	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
4-Bromophenylphenylether	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
4-Chloro-3-methylphenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
4-Chloroaniline	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
4-Chlorophenylphenylether	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
4-Methylphenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
4-Nitroaniline	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
4-Nitrophenol	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
Acenaphthene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Acenaphthylene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Anthracene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Benzo(a)anthracene	340	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
Benzo(a)pyrene	310	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
Benzo(b)fluoranthene	690	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
Benzo(g,h,i)perylene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Benzo(k)fluoranthene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
bis(2-Chloroethoxy)methane	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
bis(2-Chloroethyl)ether	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
bis(2-Chloroisopropyl)ether	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
bis(2-Ethylhexyl)phthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Butylbenzylphthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Carbazole	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Chrysene	390	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
di-n-Butylphthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
di-n-Octylphthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Dibenzo(a,h)anthracene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Dibenzofuran	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Diethylphthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Dimethylphthalate	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Fluoranthene	740	J	1900	UG/KG	95-2	12/13/1999 15:30	PM

Sample ID: TP-4-SOIL
Lab Sample ID: A9767504
Date Collected: 11/10/1999
Time Collected: 11:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Hexachloroethane	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Indeno(1,2,3-c,d)pyrene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Isophorone	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
N-Nitroso-di-N-propylamine	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
N-Nitrosodiphenylamine	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Naphthalene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Nitrobenzene	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Pentachlorophenol	ND		4700	UG/KG	95-2	12/13/1999 15:30	PM
Phenanthrene	500	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
Phenol	ND		1900	UG/KG	95-2	12/13/1999 15:30	PM
Pyrene	590	J	1900	UG/KG	95-2	12/13/1999 15:30	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	3600		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,1,2,2-Tetrachloroethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,1,2-Trichloroethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,1-Dichloroethane	610	J	1400	UG/KG	95-1	11/22/1999 22:31	AH
1,1-Dichloroethene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,2-Dichlorethene (Total)	52000		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,2-Dichloroethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
1,2-Dichloropropane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
2-Butanone	1100	J	1400	UG/KG	95-1	11/22/1999 22:31	AH
2-Hexanone	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
4-Methyl-2-pentanone	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Acetone	590	J	1400	UG/KG	95-1	11/22/1999 22:31	AH
Benzene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Bromodichloromethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Bromoform	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Bromomethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Carbon disulfide	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Carbon tetrachloride	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Chlorobenzene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Chloroethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Chloroform	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Chloromethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
cis-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Dibromochloromethane	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Ethylbenzene	570	J	1400	UG/KG	95-1	11/22/1999 22:31	AH
Methylene chloride	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Styrene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Tetrachloroethene	1500		1400	UG/KG	95-1	11/22/1999 22:31	AH
Toluene	2600		1400	UG/KG	95-1	11/22/1999 22:31	AH
trans-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 22:31	AH
Trichloroethene	14000		1400	UG/KG	95-1	11/22/1999 22:31	AH
Vinyl chloride	1800		1400	UG/KG	95-1	11/22/1999 22:31	AH

Sample ID: TP-4-SOIL
Lab Sample ID: A9767504
Date Collected: 11/10/1999
Time Collected: 11:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	2200		1400	UG/KG	95-1	11/22/1999 22:31	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	8.0		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-4-SOIL DL
Lab Sample ID: A9767504DL
Date Collected: 11/10/1999
Time Collected: 11:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal t
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	3400	D	2800	UG/KG	95-1	11/23/1999 21:05	AH
1,1,2,2-Tetrachloroethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
1,1,2-Trichloroethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
1,1-Dichloroethane	580	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
1,1-Dichloroethene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
1,2-Dichlorethene (Total)	48000	D	2800	UG/KG	95-1	11/23/1999 21:05	AH
1,2-Dichloroethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
1,2-Dichloropropane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
2-Butanone	1800	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
2-Hexanone	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
4-Methyl-2-pentanone	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Acetone	1400	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
Benzene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Bromodichloromethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Bromoform	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Bromomethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Carbon disulfide	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Carbon tetrachloride	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Chlorobenzene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Chloroethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Chloroform	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Chloromethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
cis-1,3-Dichloropropene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Dibromochloromethane	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Ethylbenzene	600	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
Methylene chloride	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Styrene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Tetrachloroethene	1400	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
Toluene	2300	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
trans-1,3-Dichloropropene	ND		2800	UG/KG	95-1	11/23/1999 21:05	AH
Trichloroethene	13000	D	2800	UG/KG	95-1	11/23/1999 21:05	AH
Vinyl chloride	2200	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH
Xylene, Total	2400	DJ	2800	UG/KG	95-1	11/23/1999 21:05	AH

Sample ID: TP4-SOIL
Lab Sample ID: A9767504
Date Collected: 11/10/1999
Time Collected: 11:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		7.8	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		7.8	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		7.8	UG/KG	95-3	12/17/1999	
Aldrin	ND		4.0	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		4.0	UG/KG	95-3	12/17/1999	
beta-BHC	ND		4.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		4.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		4.0	UG/KG	95-3	12/17/1999	
delta-BHC	ND		4.0	UG/KG	95-3	12/17/1999	
Dieldrin	19		7.8	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		4.0	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		7.8	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		7.8	UG/KG	95-3	12/17/1999	
Endrin	210	B	7.8	UG/KG	95-3	12/17/1999	
Endrin aldehyde	10	B	7.8	UG/KG	95-3	12/17/1999	
Endrin ketone	10	BP	7.8	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		4.0	UG/KG	95-3	12/17/1999	
Heptachlor	ND		4.0	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		4.0	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		40	UG/KG	95-3	12/17/1999	
PCB-1016	ND		78	UG/KG	95-3	12/17/1999	
PCB-1221	ND		160	UG/KG	95-3	12/17/1999	
PCB-1232	ND		78	UG/KG	95-3	12/17/1999	
PCB-1242	ND		78	UG/KG	95-3	12/17/1999	
PCB-1248	ND		78	UG/KG	95-3	12/17/1999	
PCB-1254	ND		78	UG/KG	95-3	12/17/1999	
PCB-1260	ND		78	UG/KG	95-3	12/17/1999	
Toxaphene	ND		400	UG/KG	95-3	12/17/1999	

Sample ID: TP-5A-SOIL
Lab Sample ID: A9767505
Date Collected: 11/10/1999
Time Collected: 12:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
1,2-Dichlorobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
1,3-Dichlorobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
1,4-Dichlorobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
2,4,6-Trichlorophenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2,4-Dichlorophenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2,4-Dimethylphenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
2,4-Dinitrotoluene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2,6-Dinitrotoluene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2-Chloronaphthalene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2-Chlorophenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2-Methyl-4,6-dinitrophenol	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
2-Methylnaphthalene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2-Methylphenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
2-Nitrophenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
3,3'-Dichlorobenzidine	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
4-Bromophenylphenylether	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
4-Chloro-3-methylphenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
4-Chloroaniline	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
4-Chlorophenylphenylether	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
4-Methylphenol	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
Acenaphthene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Acenaphthylene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Anthracene	60	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Benzo(a)anthracene	140	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Benzo(a)pyrene	76	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Benzo(b)fluoranthene	280	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Benzo(g,h,i)perylene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Benzo(k)fluoranthene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
bis(2-Chloroethoxy)methane	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
bis(2-Chloroethyl)ether	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
bis(2-Chloroisopropyl)ether	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
bis(2-Ethylhexyl)phthalate	98	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Butylbenzylphthalate	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Carbazole	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Chrysene	160	J	420	UG/KG	95-2	12/13/1999 16:16	PM
di-n-Butylphthalate	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
di-n-Octylphthalate	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Dibenzo(a,h)anthracene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Dibenzofuran	72	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Diethylphthalate	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Dimethylphthalate	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Fluoranthene	200	J	420	UG/KG	95-2	12/13/1999 16:16	PM

Sample ID: TP-5A-SOIL
Lab Sample ID: A9767505
Date Collected: 11/10/1999
Time Collected: 12:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	110	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Hexachlorobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Hexachlorobutadiene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Hexachlorocyclopentadiene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Hexachloroethane	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Indeno(1,2,3-c,d)pyrene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Isophorone	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
N-Nitroso-di-N-propylamine	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
N-Nitrosodiphenylamine	120	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Naphthalene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Nitrobenzene	ND		420	UG/KG	95-2	12/13/1999 16:16	PM
Pentachlorophenol	ND		1000	UG/KG	95-2	12/13/1999 16:16	PM
Phenanthrene	310	J	420	UG/KG	95-2	12/13/1999 16:16	PM
Phenol	88	BJ	420	UG/KG	95-2	12/13/1999 16:16	PM
Pyrene	440		420	UG/KG	95-2	12/13/1999 16:16	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	1000	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
1,2-Dichlorethene (Total)	740	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
2-Butanone	1200	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Acetone	780	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
Benzene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Bromoform	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Bromomethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Chloroethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Chloroform	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Chloromethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Styrene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Toluene	260	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH
Trichloroethene	300	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/20/1999 09:16	AH

Sample ID: TP-5A-SOIL
Lab Sample ID: A9767505
Date Collected: 11/10/1999
Time Collected: 12:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	270	J	1500	UG/KG	95-1	11/20/1999 09:16	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	8.7		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-5A-SOIL RE
Lab Sample ID: A9767505RI
Date Collected: 11/10/1999
Time Collected: 12:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	1300	J	1500	UG/KG	95-1	11/21/1999 19:22	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,2-Dichlorethene (Total)	3000		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
2-Butanone	1200	J	1500	UG/KG	95-1	11/21/1999 19:22	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Acetone	770	J	1500	UG/KG	95-1	11/21/1999 19:22	AH
Benzene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Bromoform	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Bromomethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Chloroethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Chloroform	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Chloromethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Styrene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Toluene	170	J	1500	UG/KG	95-1	11/21/1999 19:22	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Trichloroethene	550	J	1500	UG/KG	95-1	11/21/1999 19:22	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/21/1999 19:22	AH
Xylene, Total	570	J	1500	UG/KG	95-1	11/21/1999 19:22	AH

Sample ID: TP5ASOIL
Lab Sample ID: A9767505
Date Collected: 11/10/1999
Time Collected: 12:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		4.2	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		4.2	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		4.2	UG/KG	95-3	12/17/1999	
Aldrin	ND		2.1	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		2.1	UG/KG	95-3	12/17/1999	
beta-BHC	ND		2.1	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		2.1	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		2.1	UG/KG	95-3	12/17/1999	
delta-BHC	ND		2.1	UG/KG	95-3	12/17/1999	
Dieldrin	7.7	P	4.2	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		2.1	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		4.2	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		4.2	UG/KG	95-3	12/17/1999	
Endrin	250	B	4.2	UG/KG	95-3	12/17/1999	
Endrin aldehyde	10	B	4.2	UG/KG	95-3	12/17/1999	
Endrin ketone	26	B	4.2	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	12/17/1999	
Heptachlor	ND		2.1	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		2.1	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		21	UG/KG	95-3	12/17/1999	
PCB-1016	ND		42	UG/KG	95-3	12/17/1999	
PCB-1221	ND		85	UG/KG	95-3	12/17/1999	
PCB-1232	ND		42	UG/KG	95-3	12/17/1999	
PCB-1242	ND		42	UG/KG	95-3	12/17/1999	
PCB-1248	ND		42	UG/KG	95-3	12/17/1999	
PCB-1254	ND		42	UG/KG	95-3	12/17/1999	
PCB-1260	ND		42	UG/KG	95-3	12/17/1999	
Toxaphene	ND		210	UG/KG	95-3	12/17/1999	

Sample ID: TP-5B-SOIL
Lab Sample ID: A9767506
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
1,2-Dichlorobenzene	44000	E	2500	UG/KG	95-2	12/13/1999 17:02	PM
1,3-Dichlorobenzene	790	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
1,4-Dichlorobenzene	4100		2500	UG/KG	95-2	12/13/1999 17:02	PM
2,4,5-Trichlorophenol	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
2,4,6-Trichlorophenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2,4-Dichlorophenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2,4-Dimethylphenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2,4-Dinitrophenol	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
2,4-Dinitrotoluene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2,6-Dinitrotoluene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2-Chloronaphthalene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2-Chlorophenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2-Methyl-4,6-dinitrophenol	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
2-Methylnaphthalene	12000		2500	UG/KG	95-2	12/13/1999 17:02	PM
2-Methylphenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
2-Nitroaniline	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
2-Nitrophenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
3,3'-Dichlorobenzidine	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
3-Nitroaniline	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
4-Bromophenylphenylether	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
4-Chloro-3-methylphenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
4-Chloroaniline	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
4-Chlorophenylphenylether	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
4-Methylphenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
4-Nitroaniline	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
4-Nitrophenol	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM
Acenaphthene	3100		2500	UG/KG	95-2	12/13/1999 17:02	PM
Acenaphthylene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Anthracene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Benzo(a)anthracene	2000	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
Benzo(a)pyrene	440	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
Benzo(b)fluoranthene	2300	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
Benzo(g,h,i)perylene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Benzo(k)fluoranthene	2100	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
bis(2-Chloroethoxy)methane	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
bis(2-Chloroethyl)ether	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
bis(2-Chloroisopropyl)ether	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
bis(2-Ethylhexyl)phthalate	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Butylbenzylphthalate	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Carbazole	350	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
Chrysene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
di-n-Butylphthalate	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
di-n-Octylphthalate	2200	J	2500	UG/KG	95-2	12/13/1999 17:02	PM
Dibenzo(a,h)anthracene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Dibenzofuran	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Diethylphthalate	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Dimethylphthalate	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM
Fluoranthene	1900	J	2500	UG/KG	95-2	12/13/1999 17:02	PM

Sample ID: TP-5B-SOIL
Lab Sample ID: A9767506
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Ana	st
SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	4400		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Hexachlorobenzene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Hexachlorobutadiene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PI	
Hexachlorocyclopentadiene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Hexachloroethane	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Indeno(1,2,3-c,d)pyrene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PI	
Isophorone	ND		2500	UG/KG	95-2	12/13/1999 17:02	PI	
N-Nitroso-di-N-propylamine	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
N-Nitrosodiphenylamine	ND		2500	UG/KG	95-2	12/13/1999 17:02	PI	
Naphthalene	12000		2500	UG/KG	95-2	12/13/1999 17:02	PI	
Nitrobenzene	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Pentachlorophenol	ND		6200	UG/KG	95-2	12/13/1999 17:02	PM	
Phenanthrene	7400		2500	UG/KG	95-2	12/13/1999 17:02	PI	
Phenol	ND		2500	UG/KG	95-2	12/13/1999 17:02	PM	
Pyrene	4200		2500	UG/KG	95-2	12/13/1999 17:02	PM	
SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	420	J	1900	UG/KG	95-1	11/20/1999 09:53	AH	
1,1,2,2-Tetrachloroethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
1,1,2-Trichloroethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
1,1-Dichloroethane	200	J	1900	UG/KG	95-1	11/20/1999 09:53	AH	
1,1-Dichloroethene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
1,2-Dichlorethene (Total)	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
1,2-Dichloroethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
1,2-Dichloropropane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
2-Butanone	5200		1900	UG/KG	95-1	11/20/1999 09:53	AI	
2-Hexanone	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
4-Methyl-2-pentanone	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Acetone	12000		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Benzene	790	J	1900	UG/KG	95-1	11/20/1999 09:53	AI	
Bromodichloromethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Bromoform	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Bromomethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	A	
Carbon disulfide	ND		1900	UG/KG	95-1	11/20/1999 09:53	A	
Carbon tetrachloride	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Chlorobenzene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Chloroethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	A	
Chloroform	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Chloromethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
cis-1,3-Dichloropropene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
Dibromochloromethane	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
Ethylbenzene	82000	E	1900	UG/KG	95-1	11/20/1999 09:53	AH	
Methylene chloride	250	J	1900	UG/KG	95-1	11/20/1999 09:53	AI	
Styrene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
Tetrachloroethene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	
Toluene	100000	E	1900	UG/KG	95-1	11/20/1999 09:53	AH	
trans-1,3-Dichloropropene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
Trichloroethene	ND		1900	UG/KG	95-1	11/20/1999 09:53	AI	
Vinyl chloride	ND		1900	UG/KG	95-1	11/20/1999 09:53	AH	

Sample ID: TP-5B-SOIL
Lab Sample ID: A9767506
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	280000	E	1900	UG/KG	95-1	11/20/1999 09:53	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.8		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-5B-SOIL DL
Lab Sample ID: A9767506DL
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
1,2-Dichlorobenzene	95000	D	25000	UG/KG	95-2	12/14/1999 14:01	PM
1,3-Dichlorobenzene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
1,4-Dichlorobenzene	9000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
2,4,5-Trichlorophenol	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
2,4,6-Trichlorophenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2,4-Dichlorophenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2,4-Dimethylphenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2,4-Dinitrophenol	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
2,4-Dinitrotoluene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2,6-Dinitrotoluene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2-Chloronaphthalene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2-Chlorophenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2-Methyl-4,6-dinitrophenol	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
2-Methylnaphthalene	31000	D	25000	UG/KG	95-2	12/14/1999 14:01	PM
2-Methylphenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
2-Nitroaniline	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
2-Nitrophenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
3,3'-Dichlorobenzidine	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
3-Nitroaniline	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
4-Bromophenylphenylether	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
4-Chloro-3-methylphenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
4-Chloroaniline	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
4-Chlorophenylphenylether	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
4-Methylphenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
4-Nitroaniline	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
4-Nitrophenol	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
Acenaphthene	5400	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Acenaphthylene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Anthracene	2600	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Benzo(a)anthracene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Benzo(a)pyrene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Benzo(b)fluoranthene	3100	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Benzo(g,h,i)perylene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Benzo(k)fluoranthene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
bis(2-Chloroethoxy)methane	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
bis(2-Chloroethyl)ether	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
bis(2-Chloroisopropyl)ether	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
bis(2-Ethylhexyl)phthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Butylbenzylphthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Carbazole	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Chrysene	3600	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
di-n-Butylphthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
di-n-Octylphthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Dibenzo(a,h)anthracene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Dibenzofuran	6600	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Diethylphthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Dimethylphthalate	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Fluoranthene	4900	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM

Sample ID: TP-5B-SOIL DL
Lab Sample ID: A9767506DL
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	10000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Hexachlorobenzene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Hexachlorobutadiene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Hexachlorocyclopentadiene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Hexachloroethane	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Indeno(1,2,3-c,d)pyrene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Isophorone	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
N-Nitroso-di-N-propylamine	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
N-Nitrosodiphenylamine	8000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Naphthalene	24000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Nitrobenzene	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Pentachlorophenol	ND		62000	UG/KG	95-2	12/14/1999 14:01	PM
Phenanthrene	16000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
Phenol	ND		25000	UG/KG	95-2	12/14/1999 14:01	PM
Pyrene	7000	DJ	25000	UG/KG	95-2	12/14/1999 14:01	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,1,2,2-Tetrachloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,1,2-Trichloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,1-Dichloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,1-Dichloroethene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,2-Dichlorethene (Total)	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,2-Dichloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
1,2-Dichloropropane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
2-Butanone	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
2-Hexanone	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
4-Methyl-2-pentanone	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Acetone	9600	DJ	39000	UG/KG	95-1	11/22/1999 16:31	AH
Benzene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Bromodichloromethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Bromoform	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Bromomethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Carbon disulfide	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Carbon tetrachloride	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Chlorobenzene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Chloroethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Chloroform	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Chloromethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
cis-1,3-Dichloropropene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Dibromochloromethane	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Ethylbenzene	130000	D	39000	UG/KG	95-1	11/22/1999 16:31	AH
Methylene chloride	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Styrene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Tetrachloroethene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Toluene	1000000	DE	39000	UG/KG	95-1	11/22/1999 16:31	AH
trans-1,3-Dichloropropene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Trichloroethene	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH
Vinyl chloride	ND		39000	UG/KG	95-1	11/22/1999 16:31	AH

Sample ID: TP-5B-SOIL DL
Lab Sample ID: A9767506DL
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	650000	D	39000	UG/KG	95-1	11/22/1999 16:31	AH

Sample ID: TP-5B-SOIL DL2
Lab Sample ID: A9767506D2
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,1,2,2-Tetrachloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,1,2-Trichloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,1-Dichloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,1-Dichloroethene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,2-Dichlorethene (Total)	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,2-Dichloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
1,2-Dichloropropane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
2-Butanone	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
2-Hexanone	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
4-Methyl-2-pentanone	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Acetone	17000	DJ	78000	UG/KG	95-1	11/23/1999 12:46	AH
Benzene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Bromodichloromethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Bromoform	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Bromomethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Carbon disulfide	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Carbon tetrachloride	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Chlorobenzene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Chloroethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Chloroform	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Chloromethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
cis-1,3-Dichloropropene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Dibromochloromethane	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Ethylbenzene	120000	D	78000	UG/KG	95-1	11/23/1999 12:46	AH
Methylene chloride	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Styrene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Tetrachloroethene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Toluene	1000000	D	78000	UG/KG	95-1	11/23/1999 12:46	AH
trans-1,3-Dichloropropene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Trichloroethene	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Vinyl chloride	ND		78000	UG/KG	95-1	11/23/1999 12:46	AH
Xylene, Total	610000	D	78000	UG/KG	95-1	11/23/1999 12:46	AH

Sample ID: TP5BSOIL
Lab Sample ID: A9767506
Date Collected: 11/10/1999
Time Collected: 12:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		20	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		20	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		20	UG/KG	95-3	12/17/1999	
Aldrin	ND		10	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		10	UG/KG	95-3	12/17/1999	
beta-BHC	ND		10	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		10	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		10	UG/KG	95-3	12/17/1999	
delta-BHC	ND		10	UG/KG	95-3	12/17/1999	
Dieldrin	11	JP	20	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		10	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	11	JP	20	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	24		20	UG/KG	95-3	12/17/1999	
Endrin	200	B	20	UG/KG	95-3	12/17/1999	
Endrin aldehyde	66	BP	20	UG/KG	95-3	12/17/1999	
Endrin ketone	6.0	BJP	20	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		10	UG/KG	95-3	12/17/1999	
Heptachlor	ND		10	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		10	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		100	UG/KG	95-3	12/17/1999	
PCB-1016	ND		200	UG/KG	95-3	12/17/1999	
PCB-1221	ND		410	UG/KG	95-3	12/17/1999	
PCB-1232	ND		200	UG/KG	95-3	12/17/1999	
PCB-1242	ND		200	UG/KG	95-3	12/17/1999	
PCB-1248	ND		200	UG/KG	95-3	12/17/1999	
PCB-1254	ND		200	UG/KG	95-3	12/17/1999	
PCB-1260	ND		200	UG/KG	95-3	12/17/1999	
Toxaphene	ND		1000	UG/KG	95-3	12/17/1999	

Sample ID: TP-7A-SOIL
Lab Sample ID: A9767507
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
1,2-Dichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
1,4-Dichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2,4,5-Trichlorophenol	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2,4-Dinitrophenol	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
2,4-Dinitrotoluene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2-Chlorophenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2-Methyl-4,6-dinitrophenol	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
2-Methylnaphthalene	310	J	1900	UG/KG	95-2	12/14/1999 14:47	PM
2-Methylphenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
2-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
2-Nitrophenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
3-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
4-Bromophenylphenylether	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
4-Chloro-3-methylphenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
4-Chloroaniline	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
4-Chlorophenylphenylether	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
4-Methylphenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
4-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
4-Nitrophenol	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
Acenaphthene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Acenaphthylene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Anthracene	760	J	1900	UG/KG	95-2	12/14/1999 14:47	PM
Benzo(a)anthracene	1900		1900	UG/KG	95-2	12/14/1999 14:47	PM
Benzo(a)pyrene	640	J	1900	UG/KG	95-2	12/14/1999 14:47	PM
Benzo(b)fluoranthene	1700	J	1900	UG/KG	95-2	12/14/1999 14:47	PM
Benzo(g,h,i)perylene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Benzo(k)fluoranthene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
bis(2-Chloroethoxy)methane	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
bis(2-Chloroethyl)ether	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
bis(2-Chloroisopropyl)ether	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
bis(2-Ethylhexyl)phthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Butylbenzylphthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Carbazole	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Chrysene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
di-n-Butylphthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
di-n-Octylphthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Dibenzo(a,h)anthracene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Dibenzofuran	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Diethylphthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Dimethylphthalate	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Fluoranthene	2900		1900	UG/KG	95-2	12/14/1999 14:47	PM

Sample ID: TP-7A-SOIL
Lab Sample ID: A9767507
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	2200		1900	UG/KG	95-2	12/14/1999 14:47	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Hexachloroethane	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Indeno(1,2,3-c,d)pyrene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Isophorone	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
N-Nitroso-di-N-propylamine	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
N-Nitrosodiphenylamine	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Naphthalene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Nitrobenzene	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Pentachlorophenol	ND		4700	UG/KG	95-2	12/14/1999 14:47	PM
Phenanthrene	3800		1900	UG/KG	95-2	12/14/1999 14:47	PM
Phenol	ND		1900	UG/KG	95-2	12/14/1999 14:47	PM
Pyrene	3300		1900	UG/KG	95-2	12/14/1999 14:47	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
2-Butanone	1400	J	1500	UG/KG	95-1	11/21/1999 20:34	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Acetone	790	J	1500	UG/KG	95-1	11/21/1999 20:34	AH
Benzene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Bromoform	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Bromomethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Chloroethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Chloroform	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Chloromethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Methylene chloride	160	J	1500	UG/KG	95-1	11/21/1999 20:34	AH
Styrene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Toluene	720	J	1500	UG/KG	95-1	11/21/1999 20:34	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/21/1999 20:34	AH

Sample ID: TP-7A-SOIL
Lab Sample ID: A9767507
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	750	J	1500	UG/KG	95-1	11/21/1999 20:34	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.6		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-7A-SOIL RE
Lab Sample ID: A9767507RI
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal st
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
1,2-Dichlorobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
1,3-Dichlorobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
1,4-Dichlorobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2,4,5-Trichlorophenol	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
2,4,6-Trichlorophenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2,4-Dichlorophenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2,4-Dimethylphenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2,4-Dinitrophenol	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
2,4-Dinitrotoluene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2,6-Dinitrotoluene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2-Chloronaphthalene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2-Chlorophenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2-Methyl-4,6-dinitrophenol	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
2-Methylnaphthalene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2-Methylphenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
2-Nitroaniline	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
2-Nitrophenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
3,3'-Dichlorobenzidine	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
3-Nitroaniline	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
4-Bromophenylphenylether	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
4-Chloro-3-methylphenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
4-Chloroaniline	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
4-Chlorophenylphenylether	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
4-Methylphenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
4-Nitroaniline	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
4-Nitrophenol	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
Acenaphthene	2900	J	19000	UG/KG	95-2	12/14/1999 18:37	PM
Acenaphthylene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Anthracene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Benzo(a)anthracene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Benzo(a)pyrene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Benzo(b)fluoranthene	2000	J	19000	UG/KG	95-2	12/14/1999 18:37	PM
Benzo(g,h,i)perylene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Benzo(k)fluoranthene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
bis(2-Chloroethoxy)methane	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
bis(2-Chloroethyl)ether	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
bis(2-Chloroisopropyl)ether	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
bis(2-Ethylhexyl)phthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Butylbenzylphthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Carbazole	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Chrysene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
di-n-Butylphthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
di-n-Octylphthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Dibenzo(a,h)anthracene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Dibenzofuran	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Diethylphthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Dimethylphthalate	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Fluoranthene	4800	J	19000	UG/KG	95-2	12/14/1999 18:37	PM

Sample ID: TP-7A-SOIL RE
Lab Sample ID: A9767507RI
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	3300	J	19000	UG/KG	95-2	12/14/1999 18:37	PM
Hexachlorobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Hexachlorobutadiene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Hexachlorocyclopentadiene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Hexachloroethane	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Indeno(1,2,3-c,d)pyrene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Isophorone	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
N-Nitroso-di-N-propylamine	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
N-Nitrosodiphenylamine	2300	J	19000	UG/KG	95-2	12/14/1999 18:37	PM
Naphthalene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Nitrobenzene	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Pentachlorophenol	ND		47000	UG/KG	95-2	12/14/1999 18:37	PM
Phenanthrene	6600	J	19000	UG/KG	95-2	12/14/1999 18:37	PM
Phenol	ND		19000	UG/KG	95-2	12/14/1999 18:37	PM
Pyrene	5300	J	19000	UG/KG	95-2	12/14/1999 18:37	PM

Sample ID: TP7ASOIL
Lab Sample ID: A9767507
Date Collected: 11/10/1999
Time Collected: 13:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.8	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		3.8	UG/KG	95-3	12/17/1999	
4,4'-DDT	2.6	JP	3.8	UG/KG	95-3	12/17/1999	
Aldrin	ND		2.0	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
beta-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		2.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	3.0	P	2.0	UG/KG	95-3	12/17/1999	
delta-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
Dieldrin	11		3.8	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		2.0	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	1.8	JP	3.8	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	4.2		3.8	UG/KG	95-3	12/17/1999	
Endrin	220	B	3.8	UG/KG	95-3	12/17/1999	
Endrin aldehyde	8.2	BP	3.8	UG/KG	95-3	12/17/1999	
Endrin ketone	5.7	B	3.8	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	12/17/1999	
Heptachlor	ND		2.0	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		2.0	UG/KG	95-3	12/17/1999	
Methoxychlor	2.9	JP	20	UG/KG	95-3	12/17/1999	
PCB-1016	ND		38	UG/KG	95-3	12/17/1999	
PCB-1221	ND		78	UG/KG	95-3	12/17/1999	
PCB-1232	ND		38	UG/KG	95-3	12/17/1999	
PCB-1242	ND		38	UG/KG	95-3	12/17/1999	
PCB-1248	ND		38	UG/KG	95-3	12/17/1999	
PCB-1254	ND		38	UG/KG	95-3	12/17/1999	
PCB-1260	ND		38	UG/KG	95-3	12/17/1999	
Toxaphene	ND		200	UG/KG	95-3	12/17/1999	

Sample ID: TP-7B-SOIL
Lab Sample ID: A9767508
Date Collected: 11/10/1999
Time Collected: 14:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
1,2-Dichlorobenzene	860	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
1,4-Dichlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2,4,5-Trichlorophenol	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2,4-Dinitrophenol	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
2,4-Dinitrotoluene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2-Chlorophenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2-Methyl-4,6-dinitrophenol	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
2-Methylnaphthalene	2600		1900	UG/KG	95-2	12/14/1999 10:56	PM
2-Methylphenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
2-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
2-Nitrophenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
3-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
4-Bromophenylphenylether	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
4-Chloro-3-methylphenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
4-Chloroaniline	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
4-Chlorophenylphenylether	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
4-Methylphenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
4-Nitroaniline	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
4-Nitrophenol	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
Acenaphthene	280	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
Acenaphthylene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Anthracene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Benzo(a)anthracene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Benzo(a)pyrene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Benzo(b)fluoranthene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Benzo(g,h,i)perylene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Benzo(k)fluoranthene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
bis(2-Chloroethoxy)methane	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
bis(2-Chloroethyl)ether	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
bis(2-Chloroisopropyl)ether	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
bis(2-Ethylhexyl)phthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Butylbenzylphthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Carbazole	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Chrysene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
di-n-Butylphthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
di-n-Octylphthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Dibenzo(a,h)anthracene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Dibenzofuran	250	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
Diethylphthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Dimethylphthalate	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Fluoranthene	310	J	1900	UG/KG	95-2	12/14/1999 10:56	PM

Sample ID: TP-7B-SOIL
Lab Sample ID: A9767508
Date Collected: 11/10/1999
Time Collected: 14:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	440	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Hexachloroethane	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Indeno(1,2,3-c,d)pyrene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Isophorone	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
N-Nitroso-di-N-propylamine	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
N-Nitrosodiphenylamine	390	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
Naphthalene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Nitrobenzene	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Pentachlorophenol	ND		4700	UG/KG	95-2	12/14/1999 10:56	PM
Phenanthrene	860	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
Phenol	ND		1900	UG/KG	95-2	12/14/1999 10:56	PM
Pyrene	330	J	1900	UG/KG	95-2	12/14/1999 10:56	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
2-Butanone	1200	J	1500	UG/KG	95-1	11/23/1999 13:23	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Acetone	900	J	1500	UG/KG	95-1	11/23/1999 13:23	AH
Benzene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Bromoform	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Bromomethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Chloroethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Chloroform	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Chloromethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Styrene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Toluene	660	J	1500	UG/KG	95-1	11/23/1999 13:23	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/23/1999 13:23	AH

Sample ID: TP-7B-SOIL
Lab Sample ID: A9767508
Date Collected: 11/10/1999
Time Collected: 14:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	1100	J	1500	UG/KG	95-1	11/23/1999 13:23	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.4		0	S.U.	9045	11/19/1999	SH

Sample ID: TP7BSOIL
Lab Sample ID: A9767508
Date Collected: 11/10/1999
Time Collected: 14:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy--
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.9	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		3.9	UG/KG	95-3	12/17/1999	
4,4'-DDT	0.60	JP	3.9	UG/KG	95-3	12/17/1999	
Aldrin	ND		2.0	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
beta-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		2.0	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		2.0	UG/KG	95-3	12/17/1999	
delta-BHC	ND		2.0	UG/KG	95-3	12/17/1999	
Dieldrin	1.9	JP	3.9	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		2.0	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	0.97	JP	3.9	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		3.9	UG/KG	95-3	12/17/1999	
Endrin	99	B	3.9	UG/KG	95-3	12/17/1999	
Endrin aldehyde	5.5	BP	3.9	UG/KG	95-3	12/17/1999	
Endrin ketone	2.4	BJ	3.9	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	12/17/1999	
Heptachlor	ND		2.0	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		2.0	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		20	UG/KG	95-3	12/17/1999	
PCB-1016	ND		39	UG/KG	95-3	12/17/1999	
PCB-1221	ND		78	UG/KG	95-3	12/17/1999	
PCB-1232	ND		39	UG/KG	95-3	12/17/1999	
PCB-1242	ND		39	UG/KG	95-3	12/17/1999	
PCB-1248	ND		39	UG/KG	95-3	12/17/1999	
PCB-1254	ND		39	UG/KG	95-3	12/17/1999	
PCB-1260	ND		39	UG/KG	95-3	12/17/1999	
Toxaphene	ND		200	UG/KG	95-3	12/17/1999	

Sample ID: BD-SOIL TP-7A FD
Lab Sample ID: A9767503
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
1,4-Dichlorobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2,4,5-Trichlorophenol	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2,4-Dinitrophenol	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
2,4-Dinitrotoluene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2-Chlorophenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2-Methyl-4,6-dinitrophenol	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
2-Methylnaphthalene	230	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
2-Methylphenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
2-Nitroaniline	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
3-Nitroaniline	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
4-Bromophenylphenylether	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
4-Chloro-3-methylphenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
4-Chlorophenylphenylether	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
4-Methylphenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
4-Nitroaniline	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
4-Nitrophenol	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
Acenaphthene	890	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Acenaphthylene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Anthracene	340	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Benzo(a)anthracene	450	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Benzo(a)pyrene	220	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Benzo(b)fluoranthene	660	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Benzo(g,h,i)perylene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Benzo(k)fluoranthene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
bis(2-Chloroethoxy)methane	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
bis(2-Chloroethyl)ether	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
bis(2-Chloroisopropyl)ether	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
bis(2-Ethylhexyl)phthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Butylbenzylphthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Carbazole	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Chrysene	470	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
di-n-Butylphthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
di-n-Octylphthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Dibenzo(a,h)anthracene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Dibenzofuran	560	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Diethylphthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Dimethylphthalate	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Fluoranthene	1300	J	2000	UG/KG	95-2	12/13/1999 14:44	PM

Sample ID: BD-SOIL
Lab Sample ID: A9767503
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	1000	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Hexachlorobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Hexachlorobutadiene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Hexachlorocyclopentadiene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Hexachloroethane	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Indeno(1,2,3-c,d)pyrene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Isophorone	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
N-Nitroso-di-N-propylamine	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
N-Nitrosodiphenylamine	240	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Naphthalene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Nitrobenzene	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Pentachlorophenol	ND		4800	UG/KG	95-2	12/13/1999 14:44	PM
Phenanthrene	1900	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
Phenol	ND		2000	UG/KG	95-2	12/13/1999 14:44	PM
Pyrene	1300	J	2000	UG/KG	95-2	12/13/1999 14:44	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
2-Butanone	1200	J	1500	UG/KG	95-1	11/22/1999 21:55	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Acetone	810	J	1500	UG/KG	95-1	11/22/1999 21:55	AH
Benzene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Bromoform	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Bromomethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Chloroethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Chloroform	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Chloromethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Styrene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Toluene	320	J	1500	UG/KG	95-1	11/22/1999 21:55	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/22/1999 21:55	AH

Sample ID: BD-SOIL
Lab Sample ID: A9767503
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	1900		1500	UG/KG	95-1	11/22/1999 21:55	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.8		0	S.U.	9045	11/19/1999	SH

Sample ID: BD-SOIL RE
Lab Sample ID: A9767503RI
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,1,2,2-Tetrachloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,1,2-Trichloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,1-Dichloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,1-Dichloroethene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,2-Dichlorethene (Total)	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,2-Dichloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
1,2-Dichloropropane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
2-Butanone	1300	J	1500	UG/KG	95-1	11/23/1999 20:29	AH
2-Hexanone	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
4-Methyl-2-pentanone	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Acetone	1000	J	1500	UG/KG	95-1	11/23/1999 20:29	AH
Benzene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Bromodichloromethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Bromoform	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Bromomethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Carbon disulfide	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Carbon tetrachloride	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Chlorobenzene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Chloroethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Chloroform	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Chloromethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
cis-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Dibromochloromethane	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Ethylbenzene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Methylene chloride	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Styrene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Tetrachloroethene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Toluene	290	J	1500	UG/KG	95-1	11/23/1999 20:29	AH
trans-1,3-Dichloropropene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Trichloroethene	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Vinyl chloride	ND		1500	UG/KG	95-1	11/23/1999 20:29	AH
Xylene, Total	1800		1500	UG/KG	95-1	11/23/1999 20:29	AH

NYS DEC
DEC REGION 8 ANALYTICAL SERVICES
Case Number: SH899 (JH Rae)

Sample ID: BD-SOIL
Lab Sample ID: A9767503
Date Collected: 11/10/1999
Time Collected: 10:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		20	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		20	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		20	UG/KG	95-3	12/17/1999	
Aldrin	ND		10	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		10	UG/KG	95-3	12/17/1999	
beta-BHC	ND		10	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		10	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		10	UG/KG	95-3	12/17/1999	
delta-BHC	ND		10	UG/KG	95-3	12/17/1999	
Dieldrin	7.7	J	20	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		10	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		20	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		20	UG/KG	95-3	12/17/1999	
Endrin	180	B	20	UG/KG	95-3	12/17/1999	
Endrin aldehyde	9.3	BJP	20	UG/KG	95-3	12/17/1999	
Endrin ketone	10	BJ	20	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		10	UG/KG	95-3	12/17/1999	
Heptachlor	ND		10	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		10	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		100	UG/KG	95-3	12/17/1999	
PCB-1016	ND		200	UG/KG	95-3	12/17/1999	
PCB-1221	ND		410	UG/KG	95-3	12/17/1999	
PCB-1232	ND		200	UG/KG	95-3	12/17/1999	
PCB-1242	ND		200	UG/KG	95-3	12/17/1999	
PCB-1248	ND		200	UG/KG	95-3	12/17/1999	
PCB-1254	ND		200	UG/KG	95-3	12/17/1999	
PCB-1260	ND		200	UG/KG	95-3	12/17/1999	
Toxaphene	ND		1000	UG/KG	95-3	12/17/1999	

Sample ID: TP-8-SOIL
Lab Sample ID: A9767509
Date Collected: 11/10/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal t
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
1,2-Dichlorobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
1,3-Dichlorobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
1,4-Dichlorobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2,4,5-Trichlorophenol	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
2,4,6-Trichlorophenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2,4-Dichlorophenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2,4-Dimethylphenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2,4-Dinitrophenol	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
2,4-Dinitrotoluene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2,6-Dinitrotoluene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2-Chloronaphthalene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2-Chlorophenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2-Methyl-4,6-dinitrophenol	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
2-Methylnaphthalene	4400	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
2-Methylphenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
2-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
2-Nitrophenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
3,3'-Dichlorobenzidine	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
3-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
4-Bromophenylphenylether	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
4-Chloro-3-methylphenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
4-Chloroaniline	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
4-Chlorophenylphenylether	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
4-Methylphenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
4-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
4-Nitrophenol	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
Acenaphthene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Acenaphthylene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Anthracene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Benzo(a)anthracene	2300	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Benzo(a)pyrene	2800	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Benzo(b)fluoranthene	5600	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Benzo(g,h,i)perylene	840	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Benzo(k)fluoranthene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
bis(2-Chloroethoxy)methane	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
bis(2-Chloroethyl)ether	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
bis(2-Chloroisopropyl)ether	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
bis(2-Ethylhexyl)phthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Butylbenzylphthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Carbazole	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Chrysene	2500	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
di-n-Butylphthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
di-n-Octylphthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Dibenzo(a,h)anthracene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Dibenzofuran	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Diethylphthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Dimethylphthalate	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Fluoranthene	4200	J	7300	UG/KG	95-2	12/14/1999 15:33	PM

Sample ID: TP-8-SOIL
Lab Sample ID: A9767509
Date Collected: 11/10/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Hexachlorobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Hexachlorobutadiene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Hexachlorocyclopentadiene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Hexachloroethane	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Indeno(1,2,3-c,d)pyrene	780	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Isophorone	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
N-Nitroso-di-N-propylamine	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
N-Nitrosodiphenylamine	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Naphthalene	6500	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Nitrobenzene	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Pentachlorophenol	ND		18000	UG/KG	95-2	12/14/1999 15:33	PM
Phenanthrene	2000	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
Phenol	ND		7300	UG/KG	95-2	12/14/1999 15:33	PM
Pyrene	4900	J	7300	UG/KG	95-2	12/14/1999 15:33	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,1,2,2-Tetrachloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,1,2-Trichloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,1-Dichloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,1-Dichloroethene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,2-Dichlorethene (Total)	170	J	1300	UG/KG	95-1	11/22/1999 18:55	AH
1,2-Dichloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
1,2-Dichloropropane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
2-Butanone	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
2-Hexanone	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
4-Methyl-2-pentanone	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Acetone	620	J	1300	UG/KG	95-1	11/22/1999 18:55	AH
Benzene	370	J	1300	UG/KG	95-1	11/22/1999 18:55	AH
Bromodichloromethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Bromoform	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Bromomethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Carbon disulfide	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Carbon tetrachloride	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Chlorobenzene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Chloroethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Chloroform	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Chloromethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
cis-1,3-Dichloropropene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Dibromochloromethane	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Ethylbenzene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Methylene chloride	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Styrene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Tetrachloroethene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Toluene	4400		1300	UG/KG	95-1	11/22/1999 18:55	AH
trans-1,3-Dichloropropene	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH
Trichloroethene	1600		1300	UG/KG	95-1	11/22/1999 18:55	AH
Vinyl chloride	ND		1300	UG/KG	95-1	11/22/1999 18:55	AH

Sample ID: TP-8-SOIL
Lab Sample ID: A9767509
Date Collected: 11/10/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	88000	E	1300	UG/KG	95-1	11/22/1999 18:55	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MM
Leachable pH	8.2		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-8-SOIL DL
Lab Sample ID: A9767509DL
Date Collected: 11/10/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,1,2,2-Tetrachloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,1,2-Trichloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,1-Dichloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,1-Dichloroethene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,2-Dichlorethene (Total)	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,2-Dichloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
1,2-Dichloropropane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
2-Butanone	1300	DJ	2700	UG/KG	95-1	11/25/1999 20:41	AH
2-Hexanone	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
4-Methyl-2-pentanone	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Acetone	830	DJ	2700	UG/KG	95-1	11/25/1999 20:41	AH
Benzene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Bromodichloromethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Bromoform	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Bromomethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Carbon disulfide	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Carbon tetrachloride	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Chlorobenzene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Chloroethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Chloroform	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Chloromethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
cis-1,3-Dichloropropene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Dibromochloromethane	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Ethylbenzene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Methylene chloride	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Styrene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Tetrachloroethene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Toluene	4400	D	2700	UG/KG	95-1	11/25/1999 20:41	AH
trans-1,3-Dichloropropene	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Trichloroethene	1600	DJ	2700	UG/KG	95-1	11/25/1999 20:41	AH
Vinyl chloride	ND		2700	UG/KG	95-1	11/25/1999 20:41	AH
Xylene, Total	92000	D	2700	UG/KG	95-1	11/25/1999 20:41	AH

Sample ID: TP8-SOIL
Lab Sample ID: A9767509
Date Collected: 11/10/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		36	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		36	UG/KG	95-3	12/17/1999	
4,4'-DDT	64		36	UG/KG	95-3	12/17/1999	
Aldrin	ND		19	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		19	UG/KG	95-3	12/17/1999	
beta-BHC	ND		19	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		19	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		19	UG/KG	95-3	12/17/1999	
delta-BHC	ND		19	UG/KG	95-3	12/17/1999	
Dieldrin	ND		36	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		19	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		36	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		36	UG/KG	95-3	12/17/1999	
Endrin	200	B	36	UG/KG	95-3	12/17/1999	
Endrin aldehyde	19	BJP	36	UG/KG	95-3	12/17/1999	
Endrin ketone	26	BJP	36	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		19	UG/KG	95-3	12/17/1999	
Heptachlor	ND		19	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		19	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		190	UG/KG	95-3	12/17/1999	
PCB-1016	ND		360	UG/KG	95-3	12/17/1999	
PCB-1221	ND		740	UG/KG	95-3	12/17/1999	
PCB-1232	ND		360	UG/KG	95-3	12/17/1999	
PCB-1242	ND		360	UG/KG	95-3	12/17/1999	
PCB-1248	ND		360	UG/KG	95-3	12/17/1999	
PCB-1254	ND		360	UG/KG	95-3	12/17/1999	
PCB-1260	ND		360	UG/KG	95-3	12/17/1999	
Toxaphene	ND		1900	UG/KG	95-3	12/17/1999	

Sample ID: TP-10-SOIL
Lab Sample ID: A9767510
Date Collected: 11/10/1999
Time Collected: 15:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
1,2-Dichlorobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
1,3-Dichlorobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
1,4-Dichlorobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2,4,5-Trichlorophenol	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
2,4,6-Trichlorophenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2,4-Dichlorophenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2,4-Dimethylphenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2,4-Dinitrophenol	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
2,4-Dinitrotoluene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2,6-Dinitrotoluene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2-Chloronaphthalene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2-Chlorophenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2-Methyl-4,6-dinitrophenol	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
2-Methylnaphthalene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2-Methylphenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
2-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
2-Nitrophenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
3,3'-Dichlorobenzidine	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
3-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
4-Bromophenylphenylether	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
4-Chloro-3-methylphenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
4-Chloroaniline	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
4-Chlorophenylphenylether	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
4-Methylphenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
4-Nitroaniline	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
4-Nitrophenol	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
Acenaphthene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Acenaphthylene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Anthracene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Benzo(a)anthracene	1800	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Benzo(a)pyrene	1700	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Benzo(b)fluoranthene	2800	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Benzo(g,h,i)perylene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Benzo(k)fluoranthene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
bis(2-Chloroethoxy)methane	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
bis(2-Chloroethyl)ether	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
bis(2-Chloroisopropyl)ether	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
bis(2-Ethylhexyl)phthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Butylbenzylphthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Carbazole	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Chrysene	1900	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
di-n-Butylphthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
di-n-Octylphthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Dibenzo(a,h)anthracene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Dibenzofuran	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Diethylphthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Dimethylphthalate	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Fluoranthene	3900	J	7500	UG/KG	95-2	12/14/1999 11:42	PM

Sample ID: TP-10-SOIL
Lab Sample ID: A9767510
Date Collected: 11/10/1999
Time Collected: 15:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	980	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Hexachlorobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Hexachlorobutadiene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Hexachlorocyclopentadiene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Hexachloroethane	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Indeno(1,2,3-c,d)pyrene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Isophorone	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
N-Nitroso-di-N-propylamine	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
N-Nitrosodiphenylamine	1000	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Naphthalene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Nitrobenzene	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Pentachlorophenol	ND		18000	UG/KG	95-2	12/14/1999 11:42	PM
Phenanthrene	2500	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
Phenol	ND		7500	UG/KG	95-2	12/14/1999 11:42	PM
Pyrene	4300	J	7500	UG/KG	95-2	12/14/1999 11:42	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,1,2,2-Tetrachloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,1,2-Trichloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,1-Dichloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,1-Dichloroethene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,2-Dichlorethene (Total)	140000	E	1400	UG/KG	95-1	11/22/1999 19:31	AH
1,2-Dichloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
1,2-Dichloropropane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
2-Butanone	1000	J	1400	UG/KG	95-1	11/22/1999 19:31	AH
2-Hexanone	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
4-Methyl-2-pentanone	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Acetone	610	J	1400	UG/KG	95-1	11/22/1999 19:31	AH
Benzene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Bromodichloromethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Bromoform	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Bromomethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Carbon disulfide	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Carbon tetrachloride	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Chlorobenzene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Chloroethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Chloroform	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Chloromethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
cis-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Dibromochloromethane	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Ethylbenzene	360	J	1400	UG/KG	95-1	11/22/1999 19:31	AH
Methylene chloride	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Styrene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Tetrachloroethene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Toluene	650	J	1400	UG/KG	95-1	11/22/1999 19:31	AH
trans-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 19:31	AH
Trichloroethene	13000		1400	UG/KG	95-1	11/22/1999 19:31	AH
Vinyl chloride	1900		1400	UG/KG	95-1	11/22/1999 19:31	AH

Sample ID: TP-10-SOIL
Lab Sample ID: A9767510
Date Collected: 11/10/1999
Time Collected: 15:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	1500		1400	UG/KG	95-1	11/22/1999 19:31	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	8.4		0	S.U.	9045	11/19/1999	SH

Sample ID: TP-10-SOIL DL
Lab Sample ID: A9767510DL
Date Collected: 11/10/1999
Time Collected: 15:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,1,2,2-Tetrachloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,1,2-Trichloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,1-Dichloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,1-Dichloroethene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,2-Dichlorethene (Total)	160000	D	11000	UG/KG	95-1	11/23/1999 18:41	AH
1,2-Dichloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
1,2-Dichloropropane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
2-Butanone	3400	DJ	11000	UG/KG	95-1	11/23/1999 18:41	AH
2-Hexanone	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
4-Methyl-2-pentanone	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Acetone	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Benzene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Bromodichloromethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Bromoform	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Bromomethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Carbon disulfide	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Carbon tetrachloride	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Chlorobenzene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Chloroethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Chloroform	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Chloromethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
cis-1,3-Dichloropropene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Dibromochloromethane	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Ethylbenzene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Methylene chloride	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Styrene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Tetrachloroethene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Toluene	1200	DJ	11000	UG/KG	95-1	11/23/1999 18:41	AH
trans-1,3-Dichloropropene	ND		11000	UG/KG	95-1	11/23/1999 18:41	AH
Trichloroethene	14000	D	11000	UG/KG	95-1	11/23/1999 18:41	AH
Vinyl chloride	2300	DJ	11000	UG/KG	95-1	11/23/1999 18:41	AH
Xylene, Total	5200	DJ	11000	UG/KG	95-1	11/23/1999 18:41	AH

Sample ID: TP10SOIL
Lab Sample ID: A9767510
Date Collected: 11/10/1999
Time Collected: 15:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		7.4	UG/KG	95-3	12/18/1999	
4,4'-DDE	ND		7.4	UG/KG	95-3	12/18/1999	
4,4'-DDT	2.9	J	7.4	UG/KG	95-3	12/18/1999	
Aldrin	ND		3.8	UG/KG	95-3	12/18/1999	
alpha-BHC	ND		3.8	UG/KG	95-3	12/18/1999	
beta-BHC	ND		3.8	UG/KG	95-3	12/18/1999	
Chlordane (alpha & gamma)	ND		3.8	UG/KG	95-3	12/18/1999	
Chlordane (alpha & gamma)	ND		3.8	UG/KG	95-3	12/18/1999	
delta-BHC	ND		3.8	UG/KG	95-3	12/18/1999	
Dieldrin	3.7	JP	7.4	UG/KG	95-3	12/18/1999	
Endosulfan I (Alpha)	ND		3.8	UG/KG	95-3	12/18/1999	
Endosulfan II (Beta)	ND		7.4	UG/KG	95-3	12/18/1999	
Endosulfan sulfate	ND		7.4	UG/KG	95-3	12/18/1999	
Endrin	120	B	7.4	UG/KG	95-3	12/18/1999	
Endrin aldehyde	2.7	BJP	7.4	UG/KG	95-3	12/18/1999	
Endrin ketone	9.4	B	7.4	UG/KG	95-3	12/18/1999	
gamma-BHC (Lindane)	ND		3.8	UG/KG	95-3	12/18/1999	
Heptachlor	ND		3.8	UG/KG	95-3	12/18/1999	
Heptachlor epoxide	ND		3.8	UG/KG	95-3	12/18/1999	
Methoxychlor	ND		38	UG/KG	95-3	12/18/1999	
PCB-1016	ND		74	UG/KG	95-3	12/18/1999	
PCB-1221	ND		150	UG/KG	95-3	12/18/1999	
PCB-1232	ND		74	UG/KG	95-3	12/18/1999	
PCB-1242	ND		74	UG/KG	95-3	12/18/1999	
PCB-1248	ND		74	UG/KG	95-3	12/18/1999	
PCB-1254	ND		74	UG/KG	95-3	12/18/1999	
PCB-1260	ND		74	UG/KG	95-3	12/18/1999	
Toxaphene	ND		380	UG/KG	95-3	12/18/1999	

Sample ID: TP-12-SOIL
Lab Sample ID: A9767511
Date Collected: 11/10/1999
Time Collected: 16:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
1,2-Dichlorobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
1,3-Dichlorobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
1,4-Dichlorobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2,4,5-Trichlorophenol	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
2,4,6-Trichlorophenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2,4-Dichlorophenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2,4-Dimethylphenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2,4-Dinitrophenol	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
2,4-Dinitrotoluene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2,6-Dinitrotoluene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2-Chloronaphthalene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2-Chlorophenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2-Methyl-4,6-dinitrophenol	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
2-Methylnaphthalene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2-Methylphenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
2-Nitroaniline	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
2-Nitrophenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
3,3'-Dichlorobenzidine	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
3-Nitroaniline	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
4-Bromophenylphenylether	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
4-Chloro-3-methylphenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
4-Chloroaniline	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
4-Chlorophenylphenylether	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
4-Methylphenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
4-Nitroaniline	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
4-Nitrophenol	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
Acenaphthene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Acenaphthylene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Anthracene	320	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Benzo(a)anthracene	1600	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Benzo(a)pyrene	1600	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Benzo(b)fluoranthene	2200		1800	UG/KG	95-2	12/14/1999 12:28	PM
Benzo(g,h,i)perylene	700	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Benzo(k)fluoranthene	620	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
bis(2-Chloroethoxy)methane	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
bis(2-Chloroethyl)ether	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
bis(2-Chloroisopropyl)ether	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
bis(2-Ethylhexyl)phthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Butylbenzylphthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Carbazole	190	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Chrysene	1800		1800	UG/KG	95-2	12/14/1999 12:28	PM
di-n-Butylphthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
di-n-Octylphthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Dibenzo(a,h)anthracene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Dibenzofuran	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Diethylphthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Dimethylphthalate	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Fluoranthene	3400		1800	UG/KG	95-2	12/14/1999 12:28	PM

Sample ID: TP-12-SOIL
Lab Sample ID: A9767511
Date Collected: 11/10/1999
Time Collected: 16:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Hexachlorobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Hexachlorobutadiene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Hexachlorocyclopentadiene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Hexachloroethane	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Indeno(1,2,3-c,d)pyrene	670	J	1800	UG/KG	95-2	12/14/1999 12:28	PM
Isophorone	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
N-Nitroso-di-N-propylamine	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
N-Nitrosodiphenylamine	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Naphthalene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Nitrobenzene	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Pentachlorophenol	ND		4400	UG/KG	95-2	12/14/1999 12:28	PM
Phenanthrene	1900		1800	UG/KG	95-2	12/14/1999 12:28	PM
Phenol	ND		1800	UG/KG	95-2	12/14/1999 12:28	PM
Pyrene	3300		1800	UG/KG	95-2	12/14/1999 12:28	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,1,2,2-Tetrachloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,1,2-Trichloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,1-Dichloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,1-Dichloroethene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,2-Dichlorethene (Total)	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,2-Dichloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
1,2-Dichloropropane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
2-Butanone	880	J	1400	UG/KG	95-1	11/22/1999 20:07	AH
2-Hexanone	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
4-Methyl-2-pentanone	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Acetone	510	J	1400	UG/KG	95-1	11/22/1999 20:07	AH
Benzene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Bromodichloromethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Bromoform	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Bromomethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Carbon disulfide	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Carbon tetrachloride	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Chlorobenzene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Chloroethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Chloroform	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Chloromethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
cis-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Dibromochloromethane	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Ethylbenzene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Methylene chloride	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Styrene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Tetrachloroethene	220	J	1400	UG/KG	95-1	11/22/1999 20:07	AH
Toluene	140	J	1400	UG/KG	95-1	11/22/1999 20:07	AH
trans-1,3-Dichloropropene	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH
Trichloroethene	14000		1400	UG/KG	95-1	11/22/1999 20:07	AH
Vinyl chloride	ND		1400	UG/KG	95-1	11/22/1999 20:07	AH

Sample ID: TP-12-SOIL
Lab Sample ID: A9767511
Date Collected: 11/10/1999
Time Collected: 16:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal t
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	160	J	1400	UG/KG	95-1	11/22/1999 20:07	AH
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/23/1999	MM
Leachable pH	8.1		0	S.U.	9045	11/19/1999	SH

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Sample ID: TP12SOIL
Lab Sample ID: A9767511
Date Collected: 11/10/1999
Time Collected: 16:20

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	2.2	J	3.7	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		3.7	UG/KG	95-3	12/17/1999	
4,4'-DDT	8.5		3.7	UG/KG	95-3	12/17/1999	
Aldrin	ND		1.9	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		1.9	UG/KG	95-3	12/17/1999	
beta-BHC	ND		1.9	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		1.9	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		1.9	UG/KG	95-3	12/17/1999	
delta-BHC	ND		1.9	UG/KG	95-3	12/17/1999	
Dieldrin	1.8	J	3.7	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		1.9	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		3.7	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		3.7	UG/KG	95-3	12/17/1999	
Endrin	30	B	3.7	UG/KG	95-3	12/17/1999	
Endrin aldehyde	0.96	BJP	3.7	UG/KG	95-3	12/17/1999	
Endrin ketone	3.0	BJP	3.7	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	12/17/1999	
Heptachlor	ND		1.9	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		1.9	UG/KG	95-3	12/17/1999	
Methoxychlor	7.8	JP	19	UG/KG	95-3	12/17/1999	
PCB-1016	ND		37	UG/KG	95-3	12/17/1999	
PCB-1221	ND		76	UG/KG	95-3	12/17/1999	
PCB-1232	ND		37	UG/KG	95-3	12/17/1999	
PCB-1242	ND		37	UG/KG	95-3	12/17/1999	
PCB-1248	ND		37	UG/KG	95-3	12/17/1999	
PCB-1254	ND		37	UG/KG	95-3	12/17/1999	
PCB-1260	ND		37	UG/KG	95-3	12/17/1999	
Toxaphene	ND		190	UG/KG	95-3	12/17/1999	

Sample ID: MW1D-SOIL
Lab Sample ID: A9768201
Date Collected: 11/11/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
1,2-Dichlorobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
1,3-Dichlorobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
1,4-Dichlorobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2,4,5-Trichlorophenol	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
2,4,6-Trichlorophenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2,4-Dichlorophenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2,4-Dimethylphenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2,4-Dinitrophenol	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
2,4-Dinitrotoluene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2,6-Dinitrotoluene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2-Chloronaphthalene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2-Chlorophenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2-Methyl-4,6-dinitrophenol	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
2-Methylnaphthalene	1400	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
2-Methylphenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
2-Nitroaniline	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
2-Nitrophenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
3,3'-Dichlorobenzidine	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
3-Nitroaniline	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
4-Bromophenylphenylether	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
4-Chloro-3-methylphenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
4-Chloroaniline	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
4-Chlorophenylphenylether	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
4-Methylphenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
4-Nitroaniline	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
4-Nitrophenol	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
Acenaphthene	560	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Acenaphthylene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Anthracene	430	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Benzo(a)anthracene	2200	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Benzo(a)pyrene	2500	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Benzo(b)fluoranthene	3600		3200	UG/KG	95-2	12/08/1999 11:44	PM
Benzo(g,h,i)perylene	580	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Benzo(k)fluoranthene	1200	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
bis(2-Chloroethoxy)methane	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
bis(2-Chloroethyl)ether	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
bis(2-Chloroisopropyl)ether	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
bis(2-Ethylhexyl)phthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Butylbenzylphthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Carbazole	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Chrysene	3000	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
di-n-Butylphthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
di-n-Octylphthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Dibenzo(a,h)anthracene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Dibenzofuran	630	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Diethylphthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Dimethylphthalate	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Fluoranthene	4300		3200	UG/KG	95-2	12/08/1999 11:44	PM

Sample ID: MW1D-SOIL
Lab Sample ID: A9768201
Date Collected: 11/11/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	970	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Hexachlorobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Hexachlorobutadiene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Hexachlorocyclopentadiene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Hexachloroethane	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Indeno(1,2,3-c,d)pyrene	580	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Isophorone	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
N-Nitroso-di-N-propylamine	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
N-Nitrosodiphenylamine	470	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Naphthalene	1100	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Nitrobenzene	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Pentachlorophenol	ND		7800	UG/KG	95-2	12/08/1999 11:44	PM
Phenanthrene	2500	J	3200	UG/KG	95-2	12/08/1999 11:44	PM
Phenol	ND		3200	UG/KG	95-2	12/08/1999 11:44	PM
Pyrene	3700		3200	UG/KG	95-2	12/08/1999 11:44	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	7600	J	15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,1,2,2-Tetrachloroethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,1,2-Trichloroethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,1-Dichloroethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,1-Dichloroethene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,2-Dichlorethene (Total)	400000		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,2-Dichloroethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
1,2-Dichloropropane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
2-Butanone	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
2-Hexanone	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
4-Methyl-2-pentanone	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Acetone	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Benzene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Bromodichloromethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Bromoform	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Bromomethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Carbon disulfide	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Carbon tetrachloride	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Chlorobenzene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Chloroethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Chloroform	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Chloromethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
cis-1,3-Dichloropropene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Dibromochloromethane	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Ethylbenzene	72000		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Methylene chloride	1500	J	15000	UG/KG	95-1	11/20/1999 08:38	AJW
Styrene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Tetrachloroethene	2800	J	15000	UG/KG	95-1	11/20/1999 08:38	AJW
Toluene	97000		15000	UG/KG	95-1	11/20/1999 08:38	AJW
trans-1,3-Dichloropropene	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Trichloroethene	18000		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Vinyl chloride	ND		15000	UG/KG	95-1	11/20/1999 08:38	AJW

Sample ID: MW1D-SOIL
Lab Sample ID: A9768201
Date Collected: 11/11/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analy
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	240000		15000	UG/KG	95-1	11/20/1999 08:38	AJW
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.2		0	S.U.	9045	11/19/1999	SH

Sample ID: MW1D-SOIL DL
Lab Sample ID: A9768201DL
Date Collected: 11/11/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	8200	DJ	29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,1,2,2-Tetrachloroethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,1,2-Trichloroethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,1-Dichloroethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,1-Dichloroethene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,2-Dichlorethene (Total)	520000	D	29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,2-Dichloroethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
1,2-Dichloropropane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
2-Butanone	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
2-Hexanone	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
4-Methyl-2-pentanone	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Acetone	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Benzene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Bromodichloromethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Bromoform	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Bromomethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Carbon disulfide	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Carbon tetrachloride	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Chlorobenzene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Chloroethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Chloroform	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Chloromethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
cis-1,3-Dichloropropene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Dibromochloromethane	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Ethylbenzene	84000	D	29000	UG/KG	95-1	11/21/1999 18:45	AJW
Methylene chloride	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Styrene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Tetrachloroethene	3900	DJ	29000	UG/KG	95-1	11/21/1999 18:45	AJW
Toluene	110000	D	29000	UG/KG	95-1	11/21/1999 18:45	AJW
trans-1,3-Dichloropropene	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Trichloroethene	32000	D	29000	UG/KG	95-1	11/21/1999 18:45	AJW
Vinyl chloride	ND		29000	UG/KG	95-1	11/21/1999 18:45	AJW
Xylene, Total	290000	D	29000	UG/KG	95-1	11/21/1999 18:45	AJW

Sample ID: MW1DSOIL
Lab Sample ID: A9768201
Date Collected: 11/11/1999
Time Collected: 09:30

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.3	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		3.3	UG/KG	95-3	12/17/1999	
4,4'-DDT	1.1	JP	3.2	UG/KG	95-3	12/17/1999	
Aldrin	ND		1.7	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		1.7	UG/KG	95-3	12/17/1999	
beta-BHC	ND		1.7	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		1.7	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		1.7	UG/KG	95-3	12/17/1999	
delta-BHC	ND		1.7	UG/KG	95-3	12/17/1999	
Dieldrin	ND		3.3	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		1.7	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		3.3	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	1.9	JP	3.2	UG/KG	95-3	12/17/1999	
Endrin	4.3	B	3.2	UG/KG	95-3	12/17/1999	
Endrin aldehyde	6.6	BP	3.2	UG/KG	95-3	12/17/1999	
Endrin ketone	0.77	BJP	3.2	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		1.7	UG/KG	95-3	12/17/1999	
Heptachlor	ND		1.7	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		1.7	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		17	UG/KG	95-3	12/17/1999	
PCB-1016	ND		33	UG/KG	95-3	12/17/1999	
PCB-1221	ND		66	UG/KG	95-3	12/17/1999	
PCB-1232	ND		33	UG/KG	95-3	12/17/1999	
PCB-1242	ND		33	UG/KG	95-3	12/17/1999	
PCB-1248	ND		33	UG/KG	95-3	12/17/1999	
PCB-1254	ND		33	UG/KG	95-3	12/17/1999	
PCB-1260	ND		33	UG/KG	95-3	12/17/1999	
Toxaphene	ND		170	UG/KG	95-3	12/17/1999	

Sample ID: SS #3-SOIL
Lab Sample ID: A9768002
Date Collected: 11/11/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
1,2-Dichlorobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
1,3-Dichlorobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
1,4-Dichlorobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2,4,5-Trichlorophenol	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
2,4,6-Trichlorophenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2,4-Dichlorophenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2,4-Dimethylphenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2,4-Dinitrophenol	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
2,4-Dinitrotoluene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2,6-Dinitrotoluene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2-Chloronaphthalene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2-Chlorophenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2-Methyl-4,6-dinitrophenol	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
2-Methylnaphthalene	810	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
2-Methylphenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
2-Nitroaniline	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
2-Nitrophenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
3,3'-Dichlorobenzidine	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
3-Nitroaniline	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
4-Bromophenylphenylether	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
4-Chloro-3-methylphenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
4-Chloroaniline	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
4-Chlorophenylphenylether	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
4-Methylphenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
4-Nitroaniline	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
4-Nitrophenol	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
Acenaphthene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Acenaphthylene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Anthracene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Benzo(a)anthracene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Benzo(a)pyrene	490	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
Benzo(b)fluoranthene	1000	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
Benzo(g,h,i)perylene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Benzo(k)fluoranthene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
bis(2-Chloroethoxy)methane	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
bis(2-Chloroethyl)ether	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
bis(2-Chloroisopropyl)ether	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
bis(2-Ethylhexyl)phthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Butylbenzylphthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Carbazole	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Chrysene	610	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
di-n-Butylphthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
di-n-Octylphthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Dibenzo(a,h)anthracene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Dibenzofuran	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Diethylphthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Dimethylphthalate	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Fluoranthene	710	J	4200	UG/KG	95-2	12/07/1999 22:31	PM

Sample ID: SS #3-SOIL
Lab Sample ID: A9768002
Date Collected: 11/11/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Hexachlorobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Hexachlorobutadiene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Hexachlorocyclopentadiene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Hexachloroethane	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Indeno(1,2,3-c,d)pyrene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Isophorone	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
N-Nitroso-di-N-propylamine	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
N-Nitrosodiphenylamine	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Naphthalene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Nitrobenzene	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Pentachlorophenol	ND		10000	UG/KG	95-2	12/07/1999 22:31	PM
Phenanthrene	530	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
Phenol	ND		4200	UG/KG	95-2	12/07/1999 22:31	PM
Pyrene	740	J	4200	UG/KG	95-2	12/07/1999 22:31	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
1,1-Dichloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
1,1-Dichloroethene	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
1,2-Dichlorethene (Total)	130		13	UG/KG	95-1	11/23/1999 12:49	CA
1,2-Dichloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
1,2-Dichloropropane	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
2-Butanone	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
2-Hexanone	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Acetone	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Benzene	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Bromodichloromethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Bromoform	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Bromomethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Carbon disulfide	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Carbon tetrachloride	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Chlorobenzene	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Chloroethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Chloroform	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Chloromethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Dibromochloromethane	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Ethylbenzene	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Methylene chloride	6	BJ	13	UG/KG	95-1	11/23/1999 12:49	CAS
Styrene	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Tetrachloroethene	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Toluene	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Trichloroethene	ND		13	UG/KG	95-1	11/23/1999 12:49	CA
Vinyl chloride	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS

Sample ID: SS #3-SOIL
Lab Sample ID: A9768002
Date Collected: 11/11/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	ND		13	UG/KG	95-1	11/23/1999 12:49	CAS
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.6		0	S.U.	9045	11/19/1999	SH

Sample ID: SS#3SOIL
Lab Sample ID: A9768002
Date Collected: 11/11/1999
Time Collected: 14:50

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		21	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		21	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		21	UG/KG	95-3	12/17/1999	
Aldrin	ND		11	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		11	UG/KG	95-3	12/17/1999	
beta-BHC	ND		11	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		11	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		11	UG/KG	95-3	12/17/1999	
delta-BHC	ND		11	UG/KG	95-3	12/17/1999	
Dieldrin	ND		21	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		11	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	9.9	J	21	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	13	JP	21	UG/KG	95-3	12/17/1999	
Endrin	16	BJ	21	UG/KG	95-3	12/17/1999	
Endrin aldehyde	64	BP	21	UG/KG	95-3	12/17/1999	
Endrin ketone	ND		21	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		11	UG/KG	95-3	12/17/1999	
Heptachlor	ND		11	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		11	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		110	UG/KG	95-3	12/17/1999	
PCB-1016	ND		210	UG/KG	95-3	12/17/1999	
PCB-1221	ND		440	UG/KG	95-3	12/17/1999	
PCB-1232	ND		210	UG/KG	95-3	12/17/1999	
PCB-1242	ND		210	UG/KG	95-3	12/17/1999	
PCB-1248	ND		210	UG/KG	95-3	12/17/1999	
PCB-1254	ND		210	UG/KG	95-3	12/17/1999	
PCB-1260	ND		210	UG/KG	95-3	12/17/1999	
Toxaphene	ND		1100	UG/KG	95-3	12/17/1999	

Sample ID: SS #4-SOIL
Lab Sample ID: A9768003
Date Collected: 11/11/1999
Time Collected: 15:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
1,2-Dichlorobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
1,3-Dichlorobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
1,4-Dichlorobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2,4,5-Trichlorophenol	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
2,4,6-Trichlorophenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2,4-Dichlorophenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2,4-Dimethylphenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2,4-Dinitrophenol	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
2,4-Dinitrotoluene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2,6-Dinitrotoluene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2-Chloronaphthalene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2-Chlorophenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2-Methyl-4,6-dinitrophenol	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
2-Methylnaphthalene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2-Methylphenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
2-Nitroaniline	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
2-Nitrophenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
3,3'-Dichlorobenzidine	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
3-Nitroaniline	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
4-Bromophenylphenylether	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
4-Chloro-3-methylphenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
4-Chloroaniline	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
4-Chlorophenylphenylether	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
4-Methylphenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
4-Nitroaniline	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
4-Nitrophenol	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
Acenaphthene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Acenaphthylene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Anthracene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Benzo(a)anthracene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Benzo(a)pyrene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Benzo(b)fluoranthene	2400	J	16000	UG/KG	95-2	12/08/1999 00:49	PM
Benzo(g,h,i)perylene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Benzo(k)fluoranthene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
bis(2-Chloroethoxy)methane	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
bis(2-Chloroethyl)ether	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
bis(2-Chloroisopropyl)ether	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
bis(2-Ethylhexyl)phthalate	7800	J	16000	UG/KG	95-2	12/08/1999 00:49	PM
Butylbenzylphthalate	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Carbazole	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Chrysene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
di-n-Butylphthalate	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
di-n-Octylphthalate	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Dibenzo(a,h)anthracene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Dibenzofuran	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Diethylphthalate	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Dimethylphthalate	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Fluoranthene	1800	J	16000	UG/KG	95-2	12/08/1999 00:49	PM

Sample ID: SS #4-SOIL
Lab Sample ID: A9768003
Date Collected: 11/11/1999
Time Collected: 15:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Hexachlorobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Hexachlorobutadiene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Hexachlorocyclopentadiene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Hexachloroethane	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Indeno(1,2,3-c,d)pyrene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Isophorone	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
N-Nitroso-di-N-propylamine	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
N-Nitrosodiphenylamine	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Naphthalene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Nitrobenzene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Pentachlorophenol	ND		39000	UG/KG	95-2	12/08/1999 00:49	PM
Phenanthrene	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Phenol	ND		16000	UG/KG	95-2	12/08/1999 00:49	PM
Pyrene	2200	J	16000	UG/KG	95-2	12/08/1999 00:49	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,1-Dichloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,1-Dichloroethene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,2-Dichlorethene (Total)	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,2-Dichloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
1,2-Dichloropropane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
2-Butanone	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
2-Hexanone	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Acetone	22		11	UG/KG	95-1	11/23/1999 13:23	CAS
Benzene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Bromodichloromethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Bromoform	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Bromomethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Carbon disulfide	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Carbon tetrachloride	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Chlorobenzene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Chloroethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Chloroform	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Chloromethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Dibromochloromethane	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Ethylbenzene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Methylene chloride	4	BJ	11	UG/KG	95-1	11/23/1999 13:23	CAS
Styrene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Tetrachloroethene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Toluene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Trichloroethene	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Vinyl chloride	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS

Sample ID: SS #4-SOIL
Lab Sample ID: A9768003
Date Collected: 11/11/1999
Time Collected: 15:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	ND		11	UG/KG	95-1	11/23/1999 13:23	CAS
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	7.8		0	S.U.	9045	11/19/1999	SH

Sample ID: SS#4SOIL
Lab Sample ID: A9768003
Date Collected: 11/11/1999
Time Collected: 15:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		16	UG/KG	95-3	12/17/1999	
4,4'-DDE	ND		16	UG/KG	95-3	12/17/1999	
4,4'-DDT	ND		16	UG/KG	95-3	12/17/1999	
Aldrin	ND		8.4	UG/KG	95-3	12/17/1999	
alpha-BHC	ND		8.4	UG/KG	95-3	12/17/1999	
beta-BHC	ND		8.4	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		8.4	UG/KG	95-3	12/17/1999	
Chlordane (alpha & gamma)	ND		8.4	UG/KG	95-3	12/17/1999	
delta-BHC	ND		8.4	UG/KG	95-3	12/17/1999	
Dieldrin	ND		16	UG/KG	95-3	12/17/1999	
Endosulfan I (Alpha)	ND		8.4	UG/KG	95-3	12/17/1999	
Endosulfan II (Beta)	ND		16	UG/KG	95-3	12/17/1999	
Endosulfan sulfate	ND		16	UG/KG	95-3	12/17/1999	
Endrin	12	BJ	16	UG/KG	95-3	12/17/1999	
Endrin aldehyde	ND		16	UG/KG	95-3	12/17/1999	
Endrin ketone	ND		16	UG/KG	95-3	12/17/1999	
gamma-BHC (Lindane)	ND		8.4	UG/KG	95-3	12/17/1999	
Heptachlor	ND		8.4	UG/KG	95-3	12/17/1999	
Heptachlor epoxide	ND		8.4	UG/KG	95-3	12/17/1999	
Methoxychlor	ND		84	UG/KG	95-3	12/17/1999	
PCB-1016	ND		160	UG/KG	95-3	12/17/1999	
PCB-1221	ND		330	UG/KG	95-3	12/17/1999	
PCB-1232	ND		160	UG/KG	95-3	12/17/1999	
PCB-1242	ND		160	UG/KG	95-3	12/17/1999	
PCB-1248	ND		160	UG/KG	95-3	12/17/1999	
PCB-1254	ND		160	UG/KG	95-3	12/17/1999	
PCB-1260	ND		160	UG/KG	95-3	12/17/1999	
Toxaphene	ND		840	UG/KG	95-3	12/17/1999	

Sample ID: BD-SURFACE SOIL ~~JA~~ SS-4 FD
Lab Sample ID: A9768004
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
1,2-Dichlorobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
1,3-Dichlorobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
1,4-Dichlorobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2,4,5-Trichlorophenol	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
2,4,6-Trichlorophenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2,4-Dichlorophenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2,4-Dimethylphenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2,4-Dinitrophenol	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
2,4-Dinitrotoluene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2,6-Dinitrotoluene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2-Chloronaphthalene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2-Chlorophenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2-Methyl-4,6-dinitrophenol	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
2-Methylnaphthalene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2-Methylphenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
2-Nitroaniline	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
2-Nitrophenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
3,3'-Dichlorobenzidine	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
3-Nitroaniline	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
4-Bromophenylphenylether	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
4-Chloro-3-methylphenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
4-Chloroaniline	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
4-Chlorophenylphenylether	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
4-Methylphenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
4-Nitroaniline	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
4-Nitrophenol	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
Acenaphthene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Acenaphthylene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Anthracene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Benzo(a)anthracene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Benzo(a)pyrene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Benzo(b)fluoranthene	1900	J	6600	UG/KG	95-2	12/08/1999 01:35	PM
Benzo(g,h,i)perylene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Benzo(k)fluoranthene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
bis(2-Chloroethoxy)methane	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
bis(2-Chloroethyl)ether	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
bis(2-Chloroisopropyl)ether	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
bis(2-Ethylhexyl)phthalate	3100	J	6600	UG/KG	95-2	12/08/1999 01:35	PM
Butylbenzylphthalate	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Carbazole	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Chrysene	1000	J	6600	UG/KG	95-2	12/08/1999 01:35	PM
di-n-Butylphthalate	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
di-n-Octylphthalate	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Dibenzo(a,h)anthracene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Dibenzofuran	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Diethylphthalate	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Dimethylphthalate	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Fluoranthene	1400	J	6600	UG/KG	95-2	12/08/1999 01:35	PM

Sample ID: BD-SURFACE SOIL
Lab Sample ID: A9768004
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Hexachlorobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Hexachlorobutadiene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Hexachlorocyclopentadiene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Hexachloroethane	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Indeno(1,2,3-c,d)pyrene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Isophorone	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
N-Nitroso-di-N-propylamine	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
N-Nitrosodiphenylamine	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Naphthalene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Nitrobenzene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Pentachlorophenol	ND		16000	UG/KG	95-2	12/08/1999 01:35	PM
Phenanthrene	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Phenol	ND		6600	UG/KG	95-2	12/08/1999 01:35	PM
Pyrene	1800	J	6600	UG/KG	95-2	12/08/1999 01:35	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
1,1-Dichloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
1,1-Dichloroethene	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
1,2-Dichlorethene (Total)	3	J	12	UG/KG	95-1	11/23/1999 13:56	CA
1,2-Dichloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
1,2-Dichloropropane	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
2-Butanone	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
2-Hexanone	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Acetone	12		12	UG/KG	95-1	11/23/1999 13:56	CAS
Benzene	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Bromodichloromethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Bromoform	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Bromomethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Carbon disulfide	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Carbon tetrachloride	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Chlorobenzene	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Chloroethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Chloroform	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Chloromethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Dibromochloromethane	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Ethylbenzene	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Methylene chloride	10	BJ	12	UG/KG	95-1	11/23/1999 13:56	CAS
Styrene	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Tetrachloroethene	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Toluene	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Trichloroethene	ND		12	UG/KG	95-1	11/23/1999 13:56	CA
Vinyl chloride	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS

Sample ID: BD-SURFACE SOIL
Lab Sample ID: A9768004
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	ND		12	UG/KG	95-1	11/23/1999 13:56	CAS
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	11/22/1999	MMP
Leachable pH	8.1		0	S.U.	9045	11/19/1999	SH

Sample ID: BD-SURFACE SOIL RE
Lab Sample ID: A9768004RI
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal t
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
1,2-Dichlorobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
1,3-Dichlorobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
1,4-Dichlorobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2,4,5-Trichlorophenol	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
2,4,6-Trichlorophenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2,4-Dichlorophenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2,4-Dimethylphenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2,4-Dinitrophenol	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
2,4-Dinitrotoluene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2,6-Dinitrotoluene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2-Chloronaphthalene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2-Chlorophenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2-Methyl-4,6-dinitrophenol	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
2-Methylnaphthalene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2-Methylphenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
2-Nitroaniline	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
2-Nitrophenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
3,3'-Dichlorobenzidine	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
3-Nitroaniline	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
4-Bromophenylphenylether	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
4-Chloro-3-methylphenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
4-Chloroaniline	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
4-Chlorophenylphenylether	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
4-Methylphenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
4-Nitroaniline	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
4-Nitrophenol	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
Acenaphthene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Acenaphthylene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Anthracene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Benzo(a)anthracene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Benzo(a)pyrene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Benzo(b)fluoranthene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Benzo(g,h,i)perylene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Benzo(k)fluoranthene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
bis(2-Chloroethoxy)methane	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
bis(2-Chloroethyl)ether	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
bis(2-Chloroisopropyl)ether	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
bis(2-Ethylhexyl)phthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Butylbenzylphthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Carbazole	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Chrysene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
di-n-Butylphthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
di-n-Octylphthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Dibenzo(a,h)anthracene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Dibenzofuran	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Diethylphthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Dimethylphthalate	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Fluoranthene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM

Sample ID: BD-SURFACE SOIL RE
Lab Sample ID: A9768004RI
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Hexachlorobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Hexachlorobutadiene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Hexachlorocyclopentadiene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Hexachloroethane	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Indeno(1,2,3-c,d)pyrene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Isophorone	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
N-Nitroso-di-N-propylamine	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
N-Nitrosodiphenylamine	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Naphthalene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Nitrobenzene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Pentachlorophenol	ND		80000	UG/KG	95-2	12/08/1999 10:12	PM
Phenanthrene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Phenol	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM
Pyrene	ND		33000	UG/KG	95-2	12/08/1999 10:12	PM

NYS DEC
DEC REGION 8 ANALYTICAL SERVICES
Case Number: SH899 (JH Rae)

Sample ID: BD-SURFACE SOIL
Lab Sample ID: A9768004RE
Date Collected: 11/11/1999
Time Collected: 00:00

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		16	UG/KG	95-3	12/21/1999	
4,4'-DDE	13	JP	16	UG/KG	95-3	12/21/1999	
4,4'-DDT	19		16	UG/KG	95-3	12/21/1999	
Aldrin	ND		8.3	UG/KG	95-3	12/21/1999	
alpha-BHC	ND		8.3	UG/KG	95-3	12/21/1999	
beta-BHC	ND		8.3	UG/KG	95-3	12/21/1999	
Chlordane (alpha & gamma)	ND		8.3	UG/KG	95-3	12/21/1999	
Chlordane (alpha & gamma)	ND		8.3	UG/KG	95-3	12/21/1999	
delta-BHC	ND		8.3	UG/KG	95-3	12/21/1999	
Dieldrin	ND		16	UG/KG	95-3	12/21/1999	
Endosulfan I (Alpha)	ND		8.3	UG/KG	95-3	12/21/1999	
Endosulfan II (Beta)	ND		16	UG/KG	95-3	12/21/1999	
Endosulfan sulfate	ND		16	UG/KG	95-3	12/21/1999	
Endrin	16	BJ	16	UG/KG	95-3	12/21/1999	
Endrin aldehyde	9.5	BJP	16	UG/KG	95-3	12/21/1999	
Endrin ketone	4.8	BJP	16	UG/KG	95-3	12/21/1999	
gamma-BHC (Lindane)	ND		8.3	UG/KG	95-3	12/21/1999	
Heptachlor	ND		8.3	UG/KG	95-3	12/21/1999	
Heptachlor epoxide	ND		8.3	UG/KG	95-3	12/21/1999	
Methoxychlor	ND		83	UG/KG	95-3	12/21/1999	
PCB-1016	ND		160	UG/KG	95-3	12/21/1999	
PCB-1221	ND		330	UG/KG	95-3	12/21/1999	
PCB-1232	ND		160	UG/KG	95-3	12/21/1999	
PCB-1242	ND		160	UG/KG	95-3	12/21/1999	
PCB-1248	ND		160	UG/KG	95-3	12/21/1999	
PCB-1254	ND		160	UG/KG	95-3	12/21/1999	
PCB-1260	ND		160	UG/KG	95-3	12/21/1999	
Toxaphene	ND		830	UG/KG	95-3	12/21/1999	

Sample ID: TBLANK
Lab Sample ID: A9767802
Date Collected: 11/10/1999
Time Collected: :

Date Received: 11/13/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,1-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,1-Dichloroethene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,2-Dichlorethene (Total)	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,2-Dichloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
1,2-Dichloropropane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
2-Butanone	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
2-Hexanone	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Acetone	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Benzene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Bromodichloromethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Bromoform	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Bromomethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Carbon disulfide	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Carbon tetrachloride	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Chlorobenzene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Chloroethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Chloroform	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Chloromethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Dibromochloromethane	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Ethylbenzene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Methylene chloride	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Styrene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Tetrachloroethene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Toluene	1	BJ	10	UG/L	95-1	11/19/1999 02:23	AJW
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Trichloroethene	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Vinyl chloride	ND		10	UG/L	95-1	11/19/1999 02:23	AJW
Xylene, Total	ND		10	UG/L	95-1	11/19/1999 02:23	AJW

INORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES, INC.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates compound was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

Aqueous

TABLE AS-1.0
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are ug/L.

Client Sample I.D.	TP-3-WATER	MSD TP-3-WATER D	MS TP-3-WATER S	
Lab Sample I.D.	993052A-01	993052A-01D	993052A-01S	
Aluminum	10900	12800	16900	
Antimony	6.0UN	6.0U	367.N	
Arsenic	97.2N	108.	172.N	
Barium	407.	461.	2490	
Beryllium	1.3B	1.5B	46.6	
Cadmium	1.0U	1.0U	3.8B	
Calcium	160000	178000	NR	
Chromium	12.5	13.2	191.	
Cobalt	8.5B	8.6B	470.	
Copper	65.5	75.3	364.	
Iron	36800	41900	42800	
Lead	550.	608.	785.	
Magnesium	40600	46200	NR	
Manganese	1320	1480	1930	
Mercury	0.78	0.81	2.0	
Nickel	19.0B	21.4B	476.	
Potassium	7910	9380	NR	
Selenium	5.0UN	8.0	14.4N	
Silver	1.0U	1.0U	49.7	
Sodium	42500	48800	NR	
Thallium	10.0U	10.0U	52.3	
Vanadium	23.3B	25.3B	475.	
Zinc	424.	504.	994.	

See Appendix for qualifier definitions

Soil

TABLE AS-1.1
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	SS #2-SOIL	SS #3-SOIL	SS #3-SOIL D	SS #3-SOIL S
Lab Sample I.D.	993052A-02	993052A-03	993052A-03D	993052A-03S
Aluminum	7060*	5760*	7120*	10100
Antimony	6.5BN	1.7BN	2.0B	66.9N
Arsenic	3.8	6.3	6.3	14.0
Barium	138.	164.	87.4	508.
Beryllium	0.20U	0.33B	0.38B	10.
Cadmium	0.24B	0.19U	0.19U	1.1
Calcium	105000*	23100*	47100*	NR
Chromium	11.1	16.7	17.2	56.6
Cobalt	3.3B	6.3B	6.2B	106.
Copper	24.7	92.4	90.4	125.
Iron	10600*	15400*	20400*	16000
Lead	77.9	342.	310.	287.
Magnesium	37200*	9000*	21300*	NR
Manganese	357.*	363.*	472.*	482.
Mercury	0.12N	1.2N	1.0	0.78
Nickel	10.2	12.3	12.9	112.
Potassium	1630	1050	1760	NR
Selenium	1.0UN	0.94UN	1.4	2.0
Silver	0.20U	3.5	3.5	12.9
Sodium	706.B	1300	1430	NR
Thallium	2.0U	1.9U	1.9	11.5
Vanadium	15.2	11.8	13.8	110.
Zinc	156.*	274.*	205.*	366.

See Appendix for qualifier definitions

Soil

TABLE AS-1.2
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	SS #4-SOIL	BD-SURFACE SOIL	TP-2-SOIL	TP-3-SOIL
Lab Sample I.D.	993052A-04	993052A-05	993052A-06	993052A-07
Aluminum	3850*	3000*	5560*	48100*
Antimony	1.3UN	1.5BN	13.6BN	3.7BN
Arsenic	4.1	3.9	13.0	3.9
Barium	80.1	67.7	248.	1600
Beryllium	0.19U	0.21U	0.47B	19.7
Cadmium	1.4	0.63B	0.38B	0.23U
Calcium	112000*	117000*	34600*	170000*
Chromium	10.2	8.6	39.3	6.2
Cobalt	3.2B	2.8B	5.1B	0.79B
Copper	48.6	44.1	295.	12.4
Iron	11600*	11200*	19400*	5880*
Lead	98.3	99.1	1130	50.3
Magnesium	34100*	34600*	8670*	34500*
Manganese	298.*	308.*	414.*	2080*
Mercury	0.031N	0.023N	1.6N	0.036N
Nickel	12.8	9.8	96.7	1.8B
Potassium	997.	767.B	697.B	4120
Selenium	0.96UN	1.0UN	2.0N	5.4N
Silver	0.22B	0.21U	0.27B	0.23U
Sodium	465.B	392.B	222.B	2170
Thallium	1.9U	2.5	2.3U	2.3U
Vanadium	16.1	13.6	18.9	2.3B
Zinc	153.*	132.*	501.*	148.*

See Appendix for qualifier definitions

Soil

TABLE AS-1.3
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	TP-4-SOIL	TP-5A-SOIL	TP-5B-SOIL	TP-7A-SOIL
Lab Sample I.D.	993052A-08	993052A-09	993052A-10	993052A-11
Aluminum	7630*	5010*	6520*	5890*
Antimony	1.6UN	2.5BN	1.4UN	2.1BN
Arsenic	6.6	23.1	3.0	6.2
Barium	45.8B	74.7	25.6B	78.1
Beryllium	0.34B	0.27U	0.22B	0.20B
Cadmium	0.23U	0.27U	0.51B	0.18U
Calcium	15500*	68100*	3780*	17700*
Chromium	11.1	8.2	9.2	8.3
Cobalt	6.0B	2.9B	6.4B	5.4B
Copper	23.0	19.2	20.9	30.8
Iron	17500*	16300*	14200*	11800*
Lead	45.7	56.2	43.7	125.
Magnesium	7670*	7600*	2740*	4610*
Manganese	429.*	424.*	297.*	436.*
Mercury	0.61N	0.28N	0.20N	0.94N
Nickel	14.7	8.3B	14.1	12.2
Potassium	908.B	862.B	784.B	675.B
Selenium	1.1UN	1.8N	1.0UN	0.91UN
Silver	0.23U	0.27U	0.20U	0.18U
Sodium	282.B	674.B	433.B	155.B
Thallium	2.3U	2.7U	2.2	1.8U
Vanadium	16.4	15.7	14.2	13.8
Zinc	119.*	47.2*	52.8*	90.3*

See Appendix for qualifier definitions

Soil

TABLE AS-1.4
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	TP-7B-SOIL	BD-SOIL	TP-8-SOIL	TP-8-SOIL D
Lab Sample I.D.	993052A-12	993052A-13	993052A-14	993052A-14D
Aluminum	6180*	7730*	3920*	2780*
Antimony	1.3UN	1.5UN	1.3UN	1.8B
Arsenic	10.9	8.2	6.4	6.2
Barium	97.7	91.1	95.4	59.7
Beryllium	0.26B	0.34B	0.22B	0.20B
Cadmium	0.18U	0.21U	0.39B	0.52B
Calcium	31300*	20700*	86600*	87200
Chromium	7.9	11.1	7.3	6.8
Cobalt	4.1B	6.3B	2.9B	2.7B
Copper	18.0	33.9	36.3	50.1
Iron	12500*	16000*	10000*	9750
Lead	99.7	135.	344.	277.
Magnesium	9080*	6050*	43100*	41800
Manganese	208.*	393.*	323.*	284.
Mercury	0.37N	0.28N	0.12N	0.084
Nickel	8.5	14.7	9.0	17.5
Potassium	715.B	1020B	770.B	567.B
Selenium	0.98N	1.1UN	0.91UN	0.91U
Silver	0.22B	0.21U	0.18U	0.24B
Sodium	145.B	167.B	299.B	285.B
Thallium	1.8U	2.1U	1.8U	1.8U
Vanadium	13.5	17.6	18.1	11.3
Zinc	80.3*	112.*	164.*	178.

See Appendix for qualifier definitions

Soil

TABLE AS-1.5
7099-3052A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	TP-8-SOIL S	TP-10-SOIL	TP-12-SOIL	MW1D-SOIL
Lab Sample I.D.	993052A-14S	993052A-15	993052A-16	993052A-17
Aluminum	3920	4260*	4700*	6380*
Antimony	69.6	1.8BN	2.6BN	1.5UN
Arsenic	12.5	65.8	9.4	6.5
Barium	418.	82.6	143.	94.9
Beryllium	8.8	0.21U	0.30B	0.26B
Cadmium	1.3	0.21U	0.19U	0.22U
Calcium	NR	56700*	19300*	11400*
Chromium	42.3	11.2	8.1	10.3
Cobalt	93.2	4.5B	5.5B	5.9B
Copper	82.0	101.	182.	47.9
Iron	10200	24400*	22000*	16300*
Lead	237.	384.	419.	214.
Magnesium	NR	14100*	4520*	4690*
Manganese	356.	590.*	591.*	296.*
Mercury	0.12N	0.26N	1.6N	1.1N
Nickel	100.	9.8	15.2	12.2
Potassium	NR	635.B	690.B	724.B
Selenium	1.2N	1.0UN	2.1N	1.2N
Silver	10.4	0.21U	0.19U	0.22U
Sodium	NR	805.B	266.B	172.B
Thallium	10.4	2.1U	1.9U	2.2U
Vanadium	104.	14.7	13.1	14.8
Zinc	224.	371.*	368.*	152.*

See Appendix for qualifier definitions

STL
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Report To:
Contact: Rob Ryan
Company: NYSDEC (Reg. 8)
Address: 6274 E. Avon-Lima Rd.
Avon, NY 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSDEC (Reg. 8)
Address:
Phone:
Fax:
PO#: Quote:

Internal Use Only

Sampler Name: PAUL ANGELICCO
Signature:
Project Name: JH Rag
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp / Grab	VOAs	Metals/CN	SVOA	Pest/PCB	TCL VOAs	TCL Metals	TCL SVOA	TCL Pest/PCB	Additional Analyses / Remarks
	TP-2-SOIL	11/10/99	0830	S	G	X								2 oz gl (1)
	TP-2-SOIL	11/10/99	0830	S	G		X	X	X					16 oz gl (1)
	SS#2 - SOIL	11/10/99	1030	S	G	X								2 oz gl (1)
	SS #2 - SOIL	11/10/99	1030	S	G		X	X	X					16 oz gl (1)
	TP-3-SOIL	11/10/99	0930	S	G	X								2 oz gl (1)
	TP-3-SOIL	11/10/99	0930	S	G		X	X	X					16 oz gl (1)
	TP-3-water	11/10/99	1030	W	G							X	X	1L gl (4)
	TP-3-water	11/10/99	1030	W	G					X				40 mL gl (4) HCl
	TP-3-water	11/10/99	1030	W	G						X			500 mL poly (1) HNO3
	TP-3-water MS	11/10/99	1030	W	G							X	X	1L gl (4)
	TP-3-water MS	11/10/99	1030	W	G						X			500 mL poly (1) HNO3
	TP-3-water-MS	11/10/99	1030	W	G					X				~~1L gl (4)~~ 40 mL gl (4) HCl

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	IT Corp	11/11/99	1700				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
						11/13/99	10:15
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
~~cooler temp~~ Ambient

Courier:

Bill of Lading:

00008

STL
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Report To:
Contact: Doug Ryan
Company: NYSDEC (Reg. 8)
Address: 6274 E Avon-Lima Rd
Avon, NY 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSDEC (Reg 8)
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: PAUL ANGELILLO
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOAs	Metals/Cn	SVOA	Pest/PCB	TCL VOAs	Metals	TCL SVOA	TCL Pest/PCB	Additional Analyses / Remarks
	TP-3-water MSD	11/10/99	1030	W	G							X	X	1L gl (4)
	TP-3-water MSD	11/10/99	1030	W	G					X				40ml gl (4) HCL
	TP-3-water MSD	11/10/99	1030	W	G						X			500ml poly (1) HNO3
	TP-4-soil	11/10/99	1150	S	G	X								2oz gl (1)
	TP-4-soil	11/10/99	1150	S	G		X	X	X					16oz gl (1)
	TP-5A-soil	11/10/99	1220	S	G	X								2oz gl (1)
	TP-5A-soil	11/10/99	1220	S	G		X	X	X					16oz gl (1)
	TP-5B-soil	11/10/99	1230	S	G	X								2oz gl (1)
	TP-5B-soil	11/10/99	1230	S	G		X	X	X					16oz gl (1)
	TP-7A-soil	11/10/99	1350	S	G	X								2oz gl (1)
	TP-7A-soil	11/10/99	1350	S	G		X	X	X					16oz gl (1)
	TP-7B-soil	11/10/99	1400	S	G	X								2oz gl (1)

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[signature]	IT Corp	11/11/99	1700				
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2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:

Page 2 of 5

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Sampler Name: PAUL ANGELILLO
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOAs	Metals/Cn	SVOA	Pest/PCB											Additional Analyses / Remarks
	TP-7B-SOIL	11/10/99	1400	S	G		X	X	X											16 oz gl (1)
	BD-SOIL	11/10/99	0000	S	G	X														2 oz gl (1)
	BD-SOIL	11/10/99	0000	S	G		X	X	X											16 oz gl (1)
	TP-8-SOIL	11/10/99	1450	S	G	X														2 oz gl (1)
	TP-8-SOIL	11/10/99	1450	S	G		X	X	X	X										16 oz gl (1)
	TP-8-SOIL MS	11/10/99	1450	S	G	X														2 oz gl (1)
	TP-8-SOIL MS	11/10/99	1450	S	G		X	X	X	X										16 oz gl (1)
	TP-8-SOIL MSD	11/10/99	1450	S	G	X														2 oz gl (1)
	TP-8-SOIL-MSD	11/10/99	1450	S	G		X	X	X	X										16 oz gl (1)
	Trip Blank-11/10	11/10/99	—	W	-	X														40 ml gl (1)
	TP-10-SOIL	11/10/99	1530	S	G	X	X	X												2 oz gl (1)
	TP-10-SOIL	11/10/99	1530	S	G		X	X	X											16 oz gl (1)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	IT Corp	11/11/99	1700				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
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O = _____

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3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
Page 3 of 5

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Internal Use Only

Sampler Name: PAUL ANGELILLO
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOAs	Metals/Cn	SVOA	Pest/PCB											Additional Analyses / Remarks
	TP-12-SOIL	11/10/99	1620	S	G	X														2 oz glass (1)
	TP-12-SOIL	11/10/99	1620	S	G		X	X	X											16 oz gl (1)
	MW1D-SOIL	11/11/99	0930	S	G	X														2 oz glass (1)
	MW1D-SOIL	11/11/99	0930	S	G		X	X	X											16 oz gl (1)
	SS#3-SOIL	11/11/99	1450	S	G	X														2 oz gl (1)
	SS#3-SOIL	11/11/99	1450	S	G		X	X	X											16 oz gl (1)
	SS#4-SOIL	11/11/99	1500	S	G	X														2 oz gl (1)
	SS#4-SOIL	11/11/99	1500	S	G		X	X	X											16 oz gl (1)
	SS#4-SOIL MS	11/11/99	1500	S	G	X														2 oz gl (1)
	SS#4-SOIL MS	11/11/99	1500	S	G		X	X	X											16 oz gl (1)
	SS#4-SOIL MSD	11/11/99	1500	S	G	X														2 oz gl (1)
	SS#4-SOIL MSD	11/11/99	1500	S	G		X	X	X											16 oz gl (1)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
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3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:

Page 4 of 5

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Internal Use Only

Sampler Name: PAUL ANGELILLO
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOAs	Metals/CN	SVOA	PCB/PEST	Additional Analyses / Remarks
	BD-surface soil	11/11/99	0000	S	G	X				2 07 gl (1)
	BD-surface soil	11/11/99	0000	S	G		X	X	X	1 bu 7 gl (1)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	IT Corp	11/11/99	1700				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
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2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
Page 5 of 5

Courier:
Bill of Lading:

SAMPLES RECEIVED 11/20/99
(COLLECTED 11/16/99)

SAMPLES RECEIVED 11/20/99
(COLLECTED 11/16/99)

Committed To *Your* Success

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

January 6, 2000

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: SH899
SDG #: 11316
Matrix: Soil
Samples Received: 11/20/99
Sample Date: 11/16/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Laboratory Manager

KPK/SLT/rtv
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. #A99-7955, A99-7956
#7A7260-8

This report contains 67 pages which are individually numbered

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SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	SH899
SDG Number:	11316
Sample Identification:	MW2D-SOIL TRIP BLANK

METHODOLOGIES

The specific methodologies employed in obtaining the enclosed analytical results are enclosed on the specific data tables. The method numbers presented refer to the following U.S. Environmental Protection Agency references:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

Sample MW2D-SOIL is identified as sample B08129 in some parts of this report, as it is referred to on the Contract Laboratory Sample Information Sheet (CLSIS).

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

The %D for 1,1-Dichloroethane and Bromoform exceeded the 25% limit in Continuing Calibration Check A9C0005789-1. Neither of these compounds was detected in the associated sample.

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SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

The percent recoveries of 4-Chloro-3-methylphenol, 4-Nitrophenol, and 2,4-Dinitrotoluene were slightly elevated in the Matrix Spike Blank (MSB). All detected concentrations of compounds in the associated sample were below the required reporting limit (J values) and the data is acceptable.

PESTICIDES DATA

Surrogates were inadvertently not added to standard ICM48BC01.

PBLK05 exhibited known laboratory contamination of Endrin and its break down products, Endrin ketone, and Endrin aldehyde. These compounds were also detected in samples B08129, B08129MS, and B08129MSD. This data was reviewed by the laboratory supervisor and released.

MSB05 exhibited the spike recovery of Endrin as slightly above quality control limits.

Samples B08129MS and B08129MSD exhibited the spike recovery of Endrin as outside quality control limits. Also, the %RPD of this compound is above quality control limits.

METALS DATA

Metals analyses were performed by Severn Trent Laboratories, Monroe, CT. Results are enclosed in a self-contained data package.

WET CHEMISTRY DATA

Due to laboratory oversight, Cyanide analyses were performed outside of holding time.

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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

1/6/2000
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U	-	Indicates compound was analyzed for but not detected.
J	-	Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	-	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	-	This flag is used when the analyte is found in the associated blank as well as in the sample.
E	-	This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
D	-	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
T	-	This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.
N	-	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
P	-	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
A	-	This flag indicates that a TIC is a suspected aldol-condensation product.

Sample ID: MW2DSOIL
Lab Sample ID: A9795501
Date Collected: 11/16/1999
Time Collected: 11:10

Date Received: 11/20/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
1,2-Dichlorobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
1,3-Dichlorobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
1,4-Dichlorobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2,4,5-Trichlorophenol	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
2,4,6-Trichlorophenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2,4-Dichlorophenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2,4-Dimethylphenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2,4-Dinitrophenol	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
2,4-Dinitrotoluene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2,6-Dinitrotoluene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2-Chloronaphthalene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2-Chlorophenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2-Methyl-4,6-dinitrophenol	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
2-Methylnaphthalene	77	J	360	UG/KG	95-2	12/09/1999 17:10	PM
2-Methylphenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
2-Nitroaniline	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
2-Nitrophenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
3,3'-Dichlorobenzidine	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
3-Nitroaniline	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
4-Bromophenylphenylether	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
4-Chloro-3-methylphenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
4-Chloroaniline	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
4-Chlorophenylphenylether	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
4-Methylphenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
4-Nitroaniline	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
4-Nitrophenol	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
Acenaphthene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Acenaphthylene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Anthracene	71	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Benzo(a)anthracene	110	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Benzo(a)pyrene	120	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Benzo(b)fluoranthene	210	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Benzo(g,h,i)perylene	43	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Benzo(k)fluoranthene	59	J	360	UG/KG	95-2	12/09/1999 17:10	PM
bis(2-Chloroethoxy)methane	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
bis(2-Chloroethyl)ether	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
bis(2-Chloroisopropyl)ether	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
bis(2-Ethylhexyl)phthalate	150	BJ	360	UG/KG	95-2	12/09/1999 17:10	PM
Butylbenzylphthalate	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Carbazole	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Chrysene	130	J	360	UG/KG	95-2	12/09/1999 17:10	PM
di-n-Butylphthalate	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
di-n-Octylphthalate	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Dibenzo(a,h)anthracene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Dibenzofuran	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Diethylphthalate	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Dimethylphthalate	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Fluoranthene	270	J	360	UG/KG	95-2	12/09/1999 17:10	PM

Sample ID: MW2DSOIL
Lab Sample ID: A9795501
Date Collected: 11/16/1999
Time Collected: 11:10

Date Received: 11/20/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Hexachlorobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Hexachlorobutadiene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Hexachlorocyclopentadiene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Hexachloroethane	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Indeno(1,2,3-c,d)pyrene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Isophorone	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
N-Nitroso-di-N-propylamine	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
N-Nitrosodiphenylamine	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Naphthalene	77	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Nitrobenzene	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Pentachlorophenol	ND		870	UG/KG	95-2	12/09/1999 17:10	PM
Phenanthrene	120	J	360	UG/KG	95-2	12/09/1999 17:10	PM
Phenol	ND		360	UG/KG	95-2	12/09/1999 17:10	PM
Pyrene	230	J	360	UG/KG	95-2	12/09/1999 17:10	PM
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	5.5		4.3	UG/KG	95-3	12/08/1999	MAN
4,4'-DDE	1.1	J	4.3	UG/KG	95-3	12/08/1999	MAN
4,4'-DDT	4.1	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Aldrin	ND		2.2	UG/KG	95-3	12/08/1999	MAN
alpha-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
beta-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
delta-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Dieldrin	3.9	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Endosulfan I (Alpha)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Endosulfan II (Beta)	ND		4.3	UG/KG	95-3	12/08/1999	MAN
Endosulfan sulfate	2.5	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin	66	B	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin aldehyde	8.4	BP	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin ketone	3.2	BJP	4.3	UG/KG	95-3	12/08/1999	MAN
gamma-BHC (Lindane)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Heptachlor	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Heptachlor epoxide	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Methoxychlor	ND		22	UG/KG	95-3	12/08/1999	MAN
PCB-1016	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1221	ND		87	UG/KG	95-3	12/08/1999	MAN
PCB-1232	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1242	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1248	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1254	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1260	ND		43	UG/KG	95-3	12/08/1999	MAN
Toxaphene	ND		220	UG/KG	95-3	12/08/1999	MAN
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS

Sample ID: MW2DSOIL
Lab Sample ID: A9795501
Date Collected: 11/16/1999
Time Collected: 11:10

Date Received: 11/20/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
1,1-Dichloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
1,1-Dichloroethene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
1,2-Dichlorethene (Total)	4	J	12	UG/KG	95-1	11/23/1999 19:44	CAS
1,2-Dichloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
1,2-Dichloropropane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
2-Butanone	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
2-Hexanone	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Acetone	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Benzene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Bromodichloromethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Bromoform	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Bromomethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Carbon disulfide	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Carbon tetrachloride	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Chlorobenzene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Chloroethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Chloroform	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Chloromethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Dibromochloromethane	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Ethylbenzene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Methylene chloride	12	B	12	UG/KG	95-1	11/23/1999 19:44	CAS
Styrene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Tetrachloroethene	3	J	12	UG/KG	95-1	11/23/1999 19:44	CAS
Toluene	9	BJ	12	UG/KG	95-1	11/23/1999 19:44	CAS
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Trichloroethene	72		12	UG/KG	95-1	11/23/1999 19:44	CAS
Vinyl chloride	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Xylene, Total	ND		12	UG/KG	95-1	11/23/1999 19:44	CAS
Wet Chemistry Analysis							
Cyanide, Total (As CN)	0		0	MG/KG	CLP-WC	01/03/2000	DW
Leachable pH	8.2		0	S.U.	9045	12/01/1999	GR

NYS DEC
DEC REGION 8 ANALYTICAL SERVICES
Case Number: SH899 (JH Rae)

Sample ID: MW2DSOIL
Lab Sample ID: A9795501
Date Collected: 11/16/1999
Time Collected: 11:10

Date Received: 11/20/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	5.5		4.3	UG/KG	95-3	12/08/1999	MAN
4,4'-DDE	1.1	J	4.3	UG/KG	95-3	12/08/1999	MAN
4,4'-DDT	4.1	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Aldrin	ND		2.2	UG/KG	95-3	12/08/1999	MAN
alpha-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
beta-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Chlordane (alpha & gamma)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
delta-BHC	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Dieldrin	3.9	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Endosulfan I (Alpha)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Endosulfan II (Beta)	ND		4.3	UG/KG	95-3	12/08/1999	MAN
Endosulfan sulfate	2.5	JP	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin	66	B	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin aldehyde	8.4	BP	4.3	UG/KG	95-3	12/08/1999	MAN
Endrin ketone	3.2	BJP	4.3	UG/KG	95-3	12/08/1999	MAN
gamma-BHC (Lindane)	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Heptachlor	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Heptachlor epoxide	ND		2.2	UG/KG	95-3	12/08/1999	MAN
Methoxychlor	ND		22	UG/KG	95-3	12/08/1999	MAN
PCB-1016	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1221	ND		87	UG/KG	95-3	12/08/1999	MAN
PCB-1232	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1242	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1248	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1254	ND		43	UG/KG	95-3	12/08/1999	MAN
PCB-1260	ND		43	UG/KG	95-3	12/08/1999	MAN
Toxaphene	ND		220	UG/KG	95-3	12/08/1999	MAN

Sample ID: TBLANK
Lab Sample ID: A9795502
Date Collected: 11/16/1999
Time Collected: :

Date Received: 11/20/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,1-Dichloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,1-Dichloroethene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,2-Dichlorethene (Total)	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,2-Dichloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
1,2-Dichloropropane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
2-Butanone	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
2-Hexanone	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Acetone	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Benzene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Bromodichloromethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Bromoform	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Bromomethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Carbon disulfide	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Carbon tetrachloride	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Chlorobenzene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Chloroethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Chloroform	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Chloromethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Dibromochloromethane	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Ethylbenzene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Methylene chloride	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Styrene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Tetrachloroethene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Toluene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Trichloroethene	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Vinyl chloride	ND		10	UG/L	95-1	11/25/1999 17:39	CAS
Xylene, Total	ND		10	UG/L	95-1	11/25/1999 17:39	CAS

INORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES, INC.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates compound was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

Soil

TABLE AS-1.0
7099-3126A
SEVERN TRENT LABS-BUFFALO
TAL METALS

All values are mg/Kg dry weight basis.

Client Sample I.D.	MW2D-SOIL			
Lab Sample I.D.	993126A-01			
Aluminum	7150E			
Antimony	1.9BN			
Arsenic	5.0			
Barium	94.8			
Beryllium	0.34B			
Cadmium	0.24B			
Calcium	24100			
Chromium	11.5			
Cobalt	4.8B			
Copper	25.4			
Iron	12800			
Lead	142.			
Magnesium	7560E			
Manganese	292.*			
Mercury	0.12			
Nickel	12.6			
Potassium	775.B			
Selenium	1.9			
Silver	0.79B			
Sodium	173.B			
Thallium	2.1U			
Vanadium	15.7			
Zinc	121.			

See Appendix for qualifier definitions

STL
Committed To *Your* Success

Report To:
Contact: Rob Ryan
Company: NYSPEC Reg. 8
Address: 6274 E Avon-Lima Rd
Phone: (716) 226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSPEC - Reg. 8
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: Rob Ryan - IT Corp
Signature:
Project Name: Jill Rae
Project Number:
Project Location: Rochester NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	VOA	Metals/CN	SVOA	Pest/PCB	VOA										***Additional Analyses / Remarks***
	MW-D soil	11/[illegible]/04	1110	S	G	X														2 oz-VOA (1)
	MW-D soil	11/6/04	1110	S	G		X	X	X											16 oz-SVOA (1)
	Trip Blank 11/6	11/[illegible]/04	—	W	-					X										40 mL VOA (1)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	IT Corp	11/19/04	1500	[illegible]	STL	11/20/04	10:30
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O =

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
Ambient

Courier:

Bill of Lading:

9900

SAMPLES RECEIVED 11/24/99
(COLLECTED 11/22/99)

SAMPLES RECEIVED 11/24/99
(COLLECTED 11/22/99)

Committed To *Your* Success

Severn Trent Laboratories
10 Hazelwood Drive
Amherst, NY 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

January 24, 2000

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: RH899
SDG #: 11323
Matrix: Soil/Water
Samples Received: 11/24/99
Sample Date: 11/22/99

If you have any questions concerning these data, please contact Mr. Kenneth P. Kinecki, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

SEVERN TRENT LABORATORIES, INC.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Laboratory Manager

KPK/SLT/rtv
Enclosure: Diskette
CC: Mr. Rob Ryan

I.D. #A99-8044
#7A7260-8

This report contains 808 pages which are individually numbered

Committed To *Your* Success

SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	RH899
SDG Number:	11323
Sample Identification:	B08132 TRIP BLANK

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is enclosed on the specific data table. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

No volume was received for Leachable pH.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

All water samples were unpreserved.

MSB26 showed the recovery of surrogate p-Bromofluorobenzene as below quality control limits.

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SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

The Matrix Spike Blank showed a spike recovery above quality control limits for 2,4-Dinitrotoluene.

PESTICIDES DATA

The Method Blank exhibited positive results for Endrin, Endrin Ketone, and Endrin Aldehyde. Affected samples are flagged with "B" qualifiers.

MSB14 showed a spike recovery above quality control limits for Endrin due to contamination.

Sample B08132 was analyzed at a dilution factor of 10.

INDBM12 on the second column showed a %D for Endrin Ketone above quality control limits (27.5%).

INDAM13 on the first column showed a %D for Heptachlor above quality control limits (30.5%).

METALS DATA

The results of soil samples have been corrected for percent solids and are reported on a dry weight basis.

The percent recovery of sodium exceeded the quality control limits in the Laboratory Control Sample.

The Method Blank exhibited results for Aluminum, Copper, Iron, Lead, and Manganese. However, all sample results were at least ten times greater than that of the Method Blank.

The cyanide log pages are computer generated. The batch QC samples (Method Blank, LCS, MSB, and MSBD) appear several times on the log book but were actually only analyzed once.

The third CCB on ICP run 100113A was over the CRDL for Copper. The sample was analyzed between compliant CCB's.

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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

1/26/2000
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U	-	Indicates compound was analyzed for but not detected.
J	-	Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	-	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	-	This flag is used when the analyte is found in the associated blank as well as in the sample.
E	-	This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
D	-	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
T	-	This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.
N	-	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
P	-	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
A	-	This flag indicates that a TIC is a suspected aldol-condensation product.

Sample ID: B08132- mw3D- soil
Lab Sample ID: A9804401
Date Collected: 11/22/1999
Time Collected: 15:00

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
1,4-Dichlorobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2,4,5-Trichlorophenol	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2,4-Dinitrophenol	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
2,4-Dinitrotoluene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2,6-Dinitrotoluene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2-Chloronaphthalene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2-Chlorophenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2-Methyl-4,6-dinitrophenol	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
2-Methylnaphthalene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2-Methylphenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
2-Nitroaniline	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
2-Nitrophenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
3-Nitroaniline	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
4-Bromophenylphenylether	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
4-Chloro-3-methylphenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
4-Chloroaniline	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
4-Chlorophenylphenylether	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
4-Methylphenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
4-Nitroaniline	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
4-Nitrophenol	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
Acenaphthene	62	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Acenaphthylene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Anthracene	180	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Benzo(a)anthracene	270	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Benzo(a)pyrene	290	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Benzo(b)fluoranthene	350	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Benzo(g,h,i)perylene	65	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Benzo(k)fluoranthene	130	J	370	UG/KG	95-2	12/23/1999 16:47	PM
bis(2-Chloroethoxy)methane	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
bis(2-Chloroethyl)ether	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
bis(2-Chloroisopropyl)ether	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
bis(2-Ethylhexyl)phthalate	180	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Butylbenzylphthalate	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Carbazole	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Chrysene	300	J	370	UG/KG	95-2	12/23/1999 16:47	PM
di-n-Butylphthalate	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
di-n-Octylphthalate	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Dibenzo(a,h)anthracene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Dibenzofuran	46	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Diethylphthalate	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Dimethylphthalate	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Fluoranthene	900		370	UG/KG	95-2	12/23/1999 16:47	PM

Sample ID: B08132 MW30-Soil
Lab Sample ID: A9804401
Date Collected: 11/22/1999
Time Collected: 15:00

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	97	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Hexachloroethane	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Indeno(1,2,3-c,d)pyrene	65	J	370	UG/KG	95-2	12/23/1999 16:47	PM
Isophorone	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
N-Nitroso-di-N-propylamine	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
N-Nitrosodiphenylamine	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Naphthalene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Nitrobenzene	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Pentachlorophenol	ND		900	UG/KG	95-2	12/23/1999 16:47	PM
Phenanthrene	590		370	UG/KG	95-2	12/23/1999 16:47	PM
Phenol	ND		370	UG/KG	95-2	12/23/1999 16:47	PM
Pyrene	720		370	UG/KG	95-2	12/23/1999 16:47	PM
SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,1-Dichloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,1-Dichloroethene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,2-Dichlorethene (Total)	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,2-Dichloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
1,2-Dichloropropane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
2-Butanone	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
2-Hexanone	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Acetone	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Benzene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Bromodichloromethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Bromoform	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Bromomethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Carbon disulfide	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Carbon tetrachloride	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Chlorobenzene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Chloroethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Chloroform	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Chloromethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Dibromochloromethane	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Ethylbenzene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Methylene chloride	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Styrene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Tetrachloroethene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Toluene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Trichloroethene	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Vinyl chloride	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS

Sample ID: B08132 MW30 - Soil
Lab Sample ID: A9804401
Date Collected: 11/22/1999
Time Collected: 15:00

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - VOLATILES - LOW							
Xylene, Total	ND		11	UG/KG	95-1	11/25/1999 03:07	CAS
Metals Analysis							
Cyanide, Total (As CN)	ND		1.0	MG/KG	CLP-M	11/30/1999	DW

Sample ID: B08132 MW 30 -SOIL
Lab Sample ID: A9804401
Date Collected: 11/22/1999
Time Collected: 15:00

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.7	UG/KG	95-3	12/24/1999	
4,4'-DDE	0.91	JP	3.7	UG/KG	95-3	12/24/1999	
4,4'-DDT	ND		3.7	UG/KG	95-3	12/24/1999	
Aldrin	ND		1.9	UG/KG	95-3	12/24/1999	
alpha-BHC	0.72	JP	1.9	UG/KG	95-3	12/24/1999	
beta-BHC	ND		1.9	UG/KG	95-3	12/24/1999	
Chlordane (alpha & gamma)	ND		1.9	UG/KG	95-3	12/24/1999	
Chlordane (alpha & gamma)	ND		1.9	UG/KG	95-3	12/24/1999	
delta-BHC	ND		1.9	UG/KG	95-3	12/24/1999	
Dieldrin	ND		3.7	UG/KG	95-3	12/24/1999	
Endosulfan I (Alpha)	ND		1.9	UG/KG	95-3	12/24/1999	
Endosulfan II (Beta)	ND		3.7	UG/KG	95-3	12/24/1999	
Endosulfan sulfate	ND		3.7	UG/KG	95-3	12/24/1999	
Endrin	5.6	BP	3.7	UG/KG	95-3	12/24/1999	
Endrin aldehyde	ND		3.7	UG/KG	95-3	12/24/1999	
Endrin ketone	2.7	BJP	3.7	UG/KG	95-3	12/24/1999	
gamma-BHC (Lindane)	6.4	P	1.9	UG/KG	95-3	12/24/1999	
Heptachlor	ND		1.9	UG/KG	95-3	12/24/1999	
Heptachlor epoxide	ND		1.9	UG/KG	95-3	12/24/1999	
Methoxychlor	4.2	JP	19	UG/KG	95-3	12/24/1999	
PCB-1016	ND		37	UG/KG	95-3	12/24/1999	
PCB-1221	ND		76	UG/KG	95-3	12/24/1999	
PCB-1232	ND		37	UG/KG	95-3	12/24/1999	
PCB-1242	ND		37	UG/KG	95-3	12/24/1999	
PCB-1248	ND		37	UG/KG	95-3	12/24/1999	
PCB-1254	ND		37	UG/KG	95-3	12/24/1999	
PCB-1260	ND		37	UG/KG	95-3	12/24/1999	
Toxaphene	ND		190	UG/KG	95-3	12/24/1999	

Sample ID: B08132DL MW-3D Soil
Lab Sample ID: A9804401DL
Date Collected: 11/22/1999
Time Collected: 15:00

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		37	UG/KG	95-3	12/24/1999	
4,4'-DDE	ND		37	UG/KG	95-3	12/24/1999	
4,4'-DDT	ND		37	UG/KG	95-3	12/24/1999	
Aldrin	ND		19	UG/KG	95-3	12/24/1999	
alpha-BHC	ND		19	UG/KG	95-3	12/24/1999	
beta-BHC	ND		19	UG/KG	95-3	12/24/1999	
Chlordane (alpha & gamma)	ND		19	UG/KG	95-3	12/24/1999	
Chlordane (alpha & gamma)	ND		19	UG/KG	95-3	12/24/1999	
delta-BHC	ND		19	UG/KG	95-3	12/24/1999	
Dieldrin	ND		37	UG/KG	95-3	12/24/1999	
Endosulfan I (Alpha)	1.3	DJP	19	UG/KG	95-3	12/24/1999	
Endosulfan II (Beta)	ND		37	UG/KG	95-3	12/24/1999	
Endosulfan sulfate	ND		37	UG/KG	95-3	12/24/1999	
Endrin	5.7	BDJP	37	UG/KG	95-3	12/24/1999	
Endrin aldehyde	ND		37	UG/KG	95-3	12/24/1999	
Endrin ketone	0.66	BDJP	37	UG/KG	95-3	12/24/1999	
gamma-BHC (Lindane)	ND		19	UG/KG	95-3	12/24/1999	
Heptachlor	ND		19	UG/KG	95-3	12/24/1999	
Heptachlor epoxide	ND		19	UG/KG	95-3	12/24/1999	
Methoxychlor	ND		190	UG/KG	95-3	12/24/1999	
PCB-1016	ND		370	UG/KG	95-3	12/24/1999	
PCB-1221	ND		760	UG/KG	95-3	12/24/1999	
PCB-1232	ND		370	UG/KG	95-3	12/24/1999	
PCB-1242	ND		370	UG/KG	95-3	12/24/1999	
PCB-1248	ND		370	UG/KG	95-3	12/24/1999	
PCB-1254	ND		370	UG/KG	95-3	12/24/1999	
PCB-1260	ND		370	UG/KG	95-3	12/24/1999	
Toxaphene	ND		1900	UG/KG	95-3	12/24/1999	

Sample ID: TRIP BLANK
Lab Sample ID: A9804402
Date Collected: 11/22/1999
Time Collected: :

Date Received: 11/24/1999
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,1-Dichloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,1-Dichloroethene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,2-Dichlorethene (Total)	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,2-Dichloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
1,2-Dichloropropane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
2-Butanone	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
2-Hexanone	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Acetone	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Benzene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Bromodichloromethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Bromoform	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Bromomethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Carbon disulfide	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Carbon tetrachloride	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Chlorobenzene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Chloroethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Chloroform	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Chloromethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Dibromochloromethane	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Ethylbenzene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Methylene chloride	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Styrene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Tetrachloroethene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Toluene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Trichloroethene	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Vinyl chloride	ND		10	UG/L	95-1	11/27/1999 18:18	CAS
Xylene, Total	ND		10	UG/L	95-1	11/27/1999 18:18	CAS

INORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES, INC.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates compound was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

NYSDEC

1

INORGANIC ANALYSES DATA SHEET

DEC SAMPLE NO.

B08132 MW-30

Lab Name: STL_BUFFALO_____ Contract: C003783___

Lab Code: STLNY_ Case No.: RH899_ SAS No.: _____ SDG No.: 11323_

Matrix (soil/water): SOIL_ Lab Sample ID: AD000409

Level (low/med): LOW__ Date Received: 11/24/99

% Solids: _88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8730			P
7440-36-0	Antimony	1.7	B		P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	53.6			P
7440-41-7	Beryllium	0.66	B		P
7440-43-9	Cadmium	0.16	U		P
7440-70-2	Calcium	38400			P
7440-47-3	Chromium	12.2			P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	197		E	P
7439-89-6	Iron	14800			P
7439-92-1	Lead	81.8			P
7439-95-4	Magnesium	8900			P
7439-96-5	Manganese	512			P
7439-97-6	Mercury	0.37			CV
7440-02-0	Nickel	15.6			P
7440-09-7	Potassium	1390			P
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.46	B		P
7440-23-5	Sodium	1490			P
7440-28-0	Thallium	2.4			P
7440-62-2	Vanadium	15.6			P
7440-66-6	Zinc	111			P
	Cyanide	1.1	U		C

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

LAB_SAMPLE_ID:A9804401-CGA01029

CLIENT_SAMPLE_ID:B08132

STL
Committed To *Your* Success

Report To: Rob Ryan
Contact:
Company: NYSDEC - Reg 8
Address: 6274 E. Avon-Lima Rd
Phone: (716) 226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSDEC - Reg 8
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: P. ANGELICCO
Signature:
Project Name: JH Rad
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp / Grab	TCLP VOCs	TCLP Pest	TCLP Metals	pH	TCLP Herb	TCLP BN/A	Flashpoint	TRPH	Reactivity (CN)	Reactivity (Sulfide)	PCBs	VOCs			Additional Analyses / Remarks
						INDICATE PRESERVATIVE BY USING KEY BELOW (Optional)														
						INDICATE CONTAINER BY USING KEY BELOW (Optional)														
	Tank Water-1	11/23/99	1500	W	G	X														40 ml gl (3)
	Tank Water-1			W	G		X													1 L gl (1)
	Tank Water-1			W	G			X												500 ml poly (1) HNO_3
	Tank Water-1			W	G				X											4 oz poly (1)
	Tank Water-1			W	G					X										1 L gl (1)
	Tank Water-1			W	G						X									1 L gl (1)
	Tank Water-1			W	G							X								16 oz gl (1)
	Tank Water-1			W	G								X							1 L gl (1) H_2SO_4
	Tank Water-1			W	G									X						4 oz poly (1)
	Tank Water-1			W	G										X					4 oz poly (1)
	Tank Water-1	11/23/99	1500	W	G											X				1 L gl (1)
	Trip Blank 11/23	11/5/99	—	W	—												X			40 ml gl (1)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
	IT Corp	11/23/99	1500				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Jason Kaiser	STL	11-24-99	0930

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
— —

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
AMBIENT

Courier:
Bill of Lading:

00002

STL COC 10/98 Rev. 6

STL
Committed To *Your* Success

Report To:
Contact: Rob Ryan
Company: NYSDEC-Reg-8
Address: 6274 E. Avon-Lima Rd.
Phone: (716) 226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company: NYSDEC-Reg 8
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: P. ANGELICLO - IT Corp
Signature:
Project Name: JH Rae
Project Number:
Project Location: Rochester, NY
Date Required:

STL Sample No	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp / Grab	TCLP VOCs	TCLP Pest	TCLP Metals	pH	TCLP Herb.	TCLP B/N/A	Flashpoint	TRPH	Reactivity (cn)	Reactivity (s)	PCBs	VOA	Metals/CN/SVOA	Pest/PCB	Additional Analyses / Remarks
	MW-1D soil cuttings	11/23/99	1530	S	G	X														2 4oz gl (1)
	MW-1D soil cuttings	11/23/99	1530	S	G		X	X	X	X	X	X	X	X	X	X	~~X~~ Pa	~~X~~ Metals	~~X~~	1 L gl (1)
	MW-3D soil	11/22/99	1500	S	G												X			2 oz gl (1)
	MW-3D soil	11/22/99	1500	S	G													X	X	16 oz gl (1)

INDICATE PRESERVATIVE BY USING KEY BELOW (Optional)
INDICATE CONTAINER BY USING KEY BELOW (Optional)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
P. Angelicllo	IT Corp	11/23/99	1700				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:

Courier:

Bill of Lading:

000063

SAMPLES RECEIVED 2/09/00
(COLLECTED 2/08/99)

SAMPLES RECEIVED 2/09/00
(COLLECTED 2/08/99)

STL

Committed To *Your* Success

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

Tel: (716) 691-2600
Fax: (716) 691-7991
www.stl-inc.com

March 13, 2000

RECEIVED
MAR 1 6 2000

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233-7252

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #:	SH999
SDG #:	0208
Matrix:	Water
Samples Received:	02/09/00
Sample Date:	02/08/00

If you have any questions concerning these data, please contact the undersigned at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State DEC with environmental testing services. We look forward to serving you in the future.

Sincerely,

Severn Trent Laboratories, Inc.

Kenneth P. Kinecki
Program Manager

Susan L. Tinsmith
Laboratory Director

KPK/SLT/mfg
CC: Mr. Tom Koch

I.D. #A00-0795
#7A7260-8

This report contains 408 pages which are individually numbered.

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SDG NARRATIVE

Laboratory Name:	Severn Trent Laboratories, Inc.
Laboratory Code:	STL Buffalo
Case Number:	SH999
SDG Number:	0208
Sample Identifications:	RAC001 RAC001 MD RAC001 MS RAC001 SD RAC002 RAC003 RAC004 TRIP BLANK

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is enclosed on the specific data table. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- Analysis were performed in accordance with 1995 New York State Analytical protocol.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

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VOLATILE DATA

Sample RAC001 was analyzed at an initial dilution factor of 20 and exhibited results for 1,2-Dichlorethene; Vinyl chloride; and Toluene that exceeded the calibration range of the instrument. The sample was reanalyzed at a dilution factor of 400 and was found to be compliant. Both sets of data are reported.

Sample RAC004 was analyzed at a dilution factor of 400.

Samples RAC001 (MS) and RAC001 (SD) exhibited spike recovery results below quality control limits for Toluene. However, the Matrix Spike Blank was compliant.

The relative percent difference (RPD) for spike recovery between samples RAC001 (MS) and RAC001 (SD) was outside quality control limits for Toluene.

No deviations from protocol were observed during the analytical procedures.

SEMIVOLATILE DATA

All samples were extracted by separatory funnel instead of the required liquid-liquid extraction method.

Due to the high concentration of bis(2-Ethylhexyl)phthalate, sample RAC001 required a secondary dilution. Samples RAC001 (MS) and RAC001 (SD) were analyzed at an initial dilution factor of 5.

The Matrix Spike Blank shows the spike recovery of 4-Chloro-3-methylphenol and Pentachlorophenol as above quality control limits.

Sample RAC001 (MS) shows the spike recovery of 4-Chloro-3-methylphenol and Pentachlorophenol as above quality control limits. Sample RAC001 (SD) shows the spike recovery of 4-chloro-3-methylphenol; 4-Nitrophenol; and Pentachlorophenol as above quality control limits. Also, the %RPD of 4-Nitrophenol is above quality control limits.

No deviations from protocol were observed during the analytical procedures.

PESTICIDES DATA

Sample RAC002 exhibited surrogate recovery results outside quality control limits for Decachlorobiphenyl. However, the sample was compliant for Tetrachloro-m-xylene. Per the method, acceptable recovery of only one surrogate is required.

No deviations from protocol were observed during the analytical procedures.

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METALS DATA

The instrument detection limits were raised to meet client requested detection limits.

Sample RAC001 (MS) is outside of QC limits for Aluminum, Iron, and Potassium. The laboratory control sample is acceptable for all elements.

The relative percent difference between sample RAC001 and its associated duplicate is outside of QC limits for Aluminum, Iron, Lead, Manganese, and Zinc.

No ICV or ICB was analyzed for Cyanide runs due to lab error. QC samples were analyzed prior to the field samples.

The CCV's bracketing the samples from this SDG on run 100218A were slightly above the QC limits for Sodium.

The Method Blank was detected for Zinc. Sample RAC001 was undetected for Zinc. Samples RAC002 and RAC003 were detected for Zinc at values less than the Method Blank. The presence of Zinc in these samples should be considered questionable due to the contamination of the Method Blank. The Method Blank was also detected for Zinc, at a higher level, on the two other ICP runs.

No other deviations from protocol were observed during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Director or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Director

3/14/00
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U	-	Indicates compound was analyzed for but not detected.
J	-	Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	-	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	-	This flag is used when the analyte is found in the associated blank as well as in the sample.
E	-	This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
D	-	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
T	-	This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.
N	-	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
P	-	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
A	-	This flag indicates that a TIC is a suspected aldol-condensation product.

INORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES, INC.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates compound was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

Sample ID: RAC001 MW-10
Lab Sample ID: A0079501
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Anal
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
1,2-Dichlorobenzene	9	J	10	UG/L	95-2	02/14/2000 11:59	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	02/14/2000 11:59	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	02/14/2000 11:59	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2-Chlorophenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
2-Methyl-4,6-dinitrophenol	ND		25	UG/L	95-2	02/14/2000 11:59	PM
2-Methylnaphthalene	42		10	UG/L	95-2	02/14/2000 11:59	PM
2-Methylphenol	11		10	UG/L	95-2	02/14/2000 11:59	PM
2-Nitroaniline	ND		25	UG/L	95-2	02/14/2000 11:59	PM
2-Nitrophenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	02/14/2000 11:59	PM
3-Nitroaniline	ND		25	UG/L	95-2	02/14/2000 11:59	PM
4-Bromophenylphenylether	ND		10	UG/L	95-2	02/14/2000 11:59	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
4-Chloroaniline	ND		10	UG/L	95-2	02/14/2000 11:59	PM
4-Chlorophenylphenylether	ND		10	UG/L	95-2	02/14/2000 11:59	PM
4-Methylphenol	40		10	UG/L	95-2	02/14/2000 11:59	PM
4-Nitroaniline	ND		25	UG/L	95-2	02/14/2000 11:59	PM
4-Nitrophenol	ND		25	UG/L	95-2	02/14/2000 11:59	PM
Acenaphthene	6	J	10	UG/L	95-2	02/14/2000 11:59	PM
Acenaphthylene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Anthracene	2	J	10	UG/L	95-2	02/14/2000 11:59	PM
Benzo(a)anthracene	2	J	10	UG/L	95-2	02/14/2000 11:59	PM
Benzo(a)pyrene	1	J	10	UG/L	95-2	02/14/2000 11:59	PM
Benzo(b)fluoranthene	3	J	10	UG/L	95-2	02/14/2000 11:59	PM
Benzo(g,h,i)perylene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
bis(2-Chloroethoxy)methane	ND		10	UG/L	95-2	02/14/2000 11:59	PM
bis(2-Chloroethyl)ether	ND		10	UG/L	95-2	02/14/2000 11:59	PM
bis(2-Chloroisopropyl)ether	ND		10	UG/L	95-2	02/14/2000 11:59	PM
bis(2-Ethylhexyl)phthalate	320	E	10	UG/L	95-2	02/14/2000 11:59	PM
Butylbenzylphthalate	74		10	UG/L	95-2	02/14/2000 11:59	PM
Carbazole	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Chrysene	2	J	10	UG/L	95-2	02/14/2000 11:59	PM
di-n-Butylphthalate	ND		10	UG/L	95-2	02/14/2000 11:59	PM
di-n-Octylphthalate	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Dibenzofuran	3	J	10	UG/L	95-2	02/14/2000 11:59	PM
Diethylphthalate	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Dimethylphthalate	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Fluoranthene	6	J	10	UG/L	95-2	02/14/2000 11:59	PM

Sample ID: RAC001
Lab Sample ID: A0079501
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	5	J	10	UG/L	95-2	02/14/2000 11:59	PM
Hexachlorobenzene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Hexachloroethane	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Indeno(1,2,3-c,d)pyrene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Isophorone	ND		10	UG/L	95-2	02/14/2000 11:59	PM
N-Nitroso-di-N-propylamine	ND		10	UG/L	95-2	02/14/2000 11:59	PM
N-Nitrosodiphenylamine	5	J	10	UG/L	95-2	02/14/2000 11:59	PM
Naphthalene	42		10	UG/L	95-2	02/14/2000 11:59	PM
Nitrobenzene	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Pentachlorophenol	ND		25	UG/L	95-2	02/14/2000 11:59	PM
Phenanthrene	13		10	UG/L	95-2	02/14/2000 11:59	PM
Phenol	ND		10	UG/L	95-2	02/14/2000 11:59	PM
Pyrene	5	J	10	UG/L	95-2	02/14/2000 11:59	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	02/15/2000	
4,4'-DDE	ND		0.10	UG/L	95-3	02/15/2000	
4,4'-DDT	ND		0.10	UG/L	95-3	02/15/2000	
Aldrin	ND		0.050	UG/L	95-3	02/15/2000	
alpha-BHC	ND		0.050	UG/L	95-3	02/15/2000	
beta-BHC	ND		0.050	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.050	UG/L	95-3	02/15/2000	
delta-BHC	ND		0.050	UG/L	95-3	02/15/2000	
Dieldrin	ND		0.10	UG/L	95-3	02/15/2000	
Endosulfan I (Alpha)	ND		0.050	UG/L	95-3	02/15/2000	
Endosulfan II (Beta)	0.069	JP	0.10	UG/L	95-3	02/15/2000	
Endosulfan sulfate	0.10		0.10	UG/L	95-3	02/15/2000	
Endrin	ND		0.10	UG/L	95-3	02/15/2000	
Endrin aldehyde	0.38	P	0.10	UG/L	95-3	02/15/2000	
Endrin ketone	ND		0.10	UG/L	95-3	02/15/2000	
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	02/15/2000	
Heptachlor	ND		0.050	UG/L	95-3	02/15/2000	
Heptachlor epoxide	ND		0.050	UG/L	95-3	02/15/2000	
Methoxychlor	ND		0.50	UG/L	95-3	02/15/2000	
PCB-1016	ND		1.0	UG/L	95-3	02/15/2000	
PCB-1221	ND		2.0	UG/L	95-3	02/15/2000	
PCB-1232	ND		1.0	UG/L	95-3	02/15/2000	
PCB-1242	ND		1.0	UG/L	95-3	02/15/2000	
PCB-1248	ND		1.0	UG/L	95-3	02/15/2000	
PCB-1254	ND		1.0	UG/L	95-3	02/15/2000	
PCB-1260	ND		1.0	UG/L	95-3	02/15/2000	
Toxaphene	ND		5.0	UG/L	95-3	02/15/2000	
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	530		200	UG/L	95-1	02/18/2000 02:52	AH
1,1,2,2-Tetrachloroethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH

Sample ID: RAC001
Lab Sample ID: A0079501
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
1,1-Dichloroethane	1100		200	UG/L	95-1	02/18/2000 02:52	AH
1,1-Dichloroethene	120	J	200	UG/L	95-1	02/18/2000 02:52	AH
1,2-Dichlorethene (Total)	40000	E	200	UG/L	95-1	02/18/2000 02:52	AH
1,2-Dichloroethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
1,2-Dichloropropane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
2-Butanone	480		200	UG/L	95-1	02/18/2000 02:52	AH
2-Hexanone	ND		200	UG/L	95-1	02/18/2000 02:52	AH
4-Methyl-2-pentanone	360		200	UG/L	95-1	02/18/2000 02:52	AH
Acetone	980		200	UG/L	95-1	02/18/2000 02:52	AH
Benzene	64	J	200	UG/L	95-1	02/18/2000 02:52	AH
Bromodichloromethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Bromoform	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Bromomethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Carbon disulfide	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Carbon tetrachloride	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Chlorobenzene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Chloroethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Chloroform	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Chloromethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
cis-1,3-Dichloropropene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Dibromochloromethane	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Ethylbenzene	840		200	UG/L	95-1	02/18/2000 02:52	AH
Methylene chloride	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Styrene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Tetrachloroethene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Toluene	5300	E	200	UG/L	95-1	02/18/2000 02:52	AH
trans-1,3-Dichloropropene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Trichloroethene	ND		200	UG/L	95-1	02/18/2000 02:52	AH
Vinyl chloride	5600	E	200	UG/L	95-1	02/18/2000 02:52	AH
Xylene, Total	2700		200	UG/L	95-1	02/18/2000 02:52	AH
Metals Analysis							
Aluminum, Total (As AL)	ND	N*	200	UG/L	P	02/20/2000	
Antimony, Total (As SB)	ND		60.0	UG/L	P	02/20/2000	
Arsenic, Total (As AS)	ND		10	UG/L	P	02/22/2000	
Barium, Total (As BA)	ND		200	UG/L	P	02/20/2000	
Beryllium, Total (As BE)	ND		5.0	UG/L	P	02/20/2000	
Cadmium, Total (As CD)	ND		5.0	UG/L	P	02/20/2000	
Calcium, Total (As CA)	179000		5000	UG/L	P	02/20/2000	
Chromium, Total (As CR)	ND		10	UG/L	P	02/20/2000	
Cobalt, Total (As CO)	ND		50.0	UG/L	P	02/20/2000	
Copper, Total (As CU)	ND		25.0	UG/L	P	02/20/2000	
Cyanide, Total (As CN)	ND		10	UG/L	CLP-WC	02/17/2000	BH
Iron, Total (As FE)	2060	N*	100	UG/L	P	02/20/2000	
Lead, Total (As PB)	ND	*	3.0	UG/L	P	02/20/2000	
Magnesium, Total (As MG)	129000		5000	UG/L	P	02/20/2000	
Manganese, Total (As MN)	221	*	15.0	UG/L	P	02/20/2000	
Mercury, Total (As HG)	ND		0.20	UG/L	CV	02/11/2000	

Sample ID: RAC001
Lab Sample ID: A0079501
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Nickel, Total (As NI)	ND		40.0	UG/L	P	02/20/2000	
Potassium, Total (As K)	11500	N	5000	UG/L	P	02/22/2000	
Selenium, Total (As SE)	ND		5.0	UG/L	P	02/20/2000	
Silver, Total (As AG)	ND		10	UG/L	P	02/20/2000	
Sodium, Total (As NA)	113000		5000	UG/L	P	02/19/2000	
Thallium, Total (As TL)	ND		10	UG/L	P	02/20/2000	
Vanadium, Total (As V)	ND		50.0	UG/L	P	02/20/2000	
Zinc, Total (As ZN)	ND	*	20.0	UG/L	P	02/22/2000	

Sample ID: RAC001DL
Lab Sample ID: A0079501DL
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
1,2-Dichlorobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
1,3-Dichlorobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
1,4-Dichlorobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2,4,5-Trichlorophenol	ND		250	UG/L	95-2	02/14/2000 17:40	PM
2,4,6-Trichlorophenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2,4-Dichlorophenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2,4-Dimethylphenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2,4-Dinitrophenol	ND		250	UG/L	95-2	02/14/2000 17:40	PM
2,4-Dinitrotoluene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2,6-Dinitrotoluene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2-Chloronaphthalene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2-Chlorophenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2-Methyl-4,6-dinitrophenol	ND		250	UG/L	95-2	02/14/2000 17:40	PM
2-Methylnaphthalene	35	DJ	100	UG/L	95-2	02/14/2000 17:40	PM
2-Methylphenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
2-Nitroaniline	ND		250	UG/L	95-2	02/14/2000 17:40	PM
2-Nitrophenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
3,3'-Dichlorobenzidine	ND		100	UG/L	95-2	02/14/2000 17:40	PM
3-Nitroaniline	ND		250	UG/L	95-2	02/14/2000 17:40	PM
4-Bromophenylphenylether	ND		100	UG/L	95-2	02/14/2000 17:40	PM
4-Chloro-3-methylphenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
4-Chloroaniline	ND		100	UG/L	95-2	02/14/2000 17:40	PM
4-Chlorophenylphenylether	ND		100	UG/L	95-2	02/14/2000 17:40	PM
4-Methylphenol	24	DJ	100	UG/L	95-2	02/14/2000 17:40	PM
4-Nitroaniline	ND		250	UG/L	95-2	02/14/2000 17:40	PM
4-Nitrophenol	ND		250	UG/L	95-2	02/14/2000 17:40	PM
Acenaphthene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Acenaphthylene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Anthracene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Benzo(a)anthracene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Benzo(a)pyrene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Benzo(b)fluoranthene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Benzo(g,h,i)perylene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Benzo(k)fluoranthene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
bis(2-Chloroethoxy)methane	ND		100	UG/L	95-2	02/14/2000 17:40	PM
bis(2-Chloroethyl)ether	ND		100	UG/L	95-2	02/14/2000 17:40	PM
bis(2-Chloroisopropyl)ether	ND		100	UG/L	95-2	02/14/2000 17:40	PM
bis(2-Ethylhexyl)phthalate	220	D	100	UG/L	95-2	02/14/2000 17:40	PM
Butylbenzylphthalate	59	DJ	100	UG/L	95-2	02/14/2000 17:40	PM
Carbazole	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Chrysene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
di-n-Butylphthalate	ND		100	UG/L	95-2	02/14/2000 17:40	PM
di-n-Octylphthalate	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Dibenzo(a,h)anthracene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Dibenzofuran	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Diethylphthalate	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Dimethylphthalate	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Fluoranthene	ND		100	UG/L	95-2	02/14/2000 17:40	PM

Sample ID: RAC001DL
Lab Sample ID: A0079501DL
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Hexachlorobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Hexachlorobutadiene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Hexachlorocyclopentadiene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Hexachloroethane	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Indeno(1,2,3-c,d)pyrene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Isophorone	ND		100	UG/L	95-2	02/14/2000 17:40	PM
N-Nitroso-di-N-propylamine	ND		100	UG/L	95-2	02/14/2000 17:40	PM
N-Nitrosodiphenylamine	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Naphthalene	37	DJ	100	UG/L	95-2	02/14/2000 17:40	PM
Nitrobenzene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Pentachlorophenol	ND		250	UG/L	95-2	02/14/2000 17:40	PM
Phenanthrene	11	DJ	100	UG/L	95-2	02/14/2000 17:40	PM
Phenol	ND		100	UG/L	95-2	02/14/2000 17:40	PM
Pyrene	ND		100	UG/L	95-2	02/14/2000 17:40	PM
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	480	DJ	4000	UG/L	95-1	02/18/2000 09:40	AH
1,1,2,2-Tetrachloroethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
1,1,2-Trichloroethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
1,1-Dichloroethane	1200	DJ	4000	UG/L	95-1	02/18/2000 09:40	AH
1,1-Dichloroethene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
1,2-Dichlorethene (Total)	79000	D	4000	UG/L	95-1	02/18/2000 09:40	AH
1,2-Dichloroethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
1,2-Dichloropropane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
2-Butanone	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
2-Hexanone	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
4-Methyl-2-pentanone	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Acetone	1100	DJ	4000	UG/L	95-1	02/18/2000 09:40	AH
Benzene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Bromodichloromethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Bromoform	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Bromomethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Carbon disulfide	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Carbon tetrachloride	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Chlorobenzene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Chloroethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Chloroform	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Chloromethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
cis-1,3-Dichloropropene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Dibromochloromethane	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Ethylbenzene	790	DJ	4000	UG/L	95-1	02/18/2000 09:40	AH
Methylene chloride	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Styrene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Tetrachloroethene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Toluene	8300	D	4000	UG/L	95-1	02/18/2000 09:40	AH
trans-1,3-Dichloropropene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Trichloroethene	ND		4000	UG/L	95-1	02/18/2000 09:40	AH
Vinyl chloride	6200	D	4000	UG/L	95-1	02/18/2000 09:40	AH

Sample ID: RAC001DL
Lab Sample ID: A0079501DL
Date Collected: 02/08/2000
Time Collected: 13:25

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
Xylene, Total	2900	DJ	4000	UG/L	95-1	02/18/2000 09:40	AH

Sample ID: RAC002 MW-20
Lab Sample ID: A0079502
Date Collected: 02/08/2000
Time Collected: 13:00

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	02/14/2000 14:07	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2,4-Dinitrophenol	ND		23	UG/L	95-2	02/14/2000 14:07	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2-Chlorophenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2-Methyl-4,6-dinitrophenol	ND		23	UG/L	95-2	02/14/2000 14:07	PM
2-Methylnaphthalene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2-Methylphenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
2-Nitroaniline	ND		23	UG/L	95-2	02/14/2000 14:07	PM
2-Nitrophenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	02/14/2000 14:07	PM
3-Nitroaniline	ND		23	UG/L	95-2	02/14/2000 14:07	PM
4-Bromophenylphenylether	ND		9	UG/L	95-2	02/14/2000 14:07	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
4-Chloroaniline	ND		9	UG/L	95-2	02/14/2000 14:07	PM
4-Chlorophenylphenylether	ND		9	UG/L	95-2	02/14/2000 14:07	PM
4-Methylphenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
4-Nitroaniline	ND		23	UG/L	95-2	02/14/2000 14:07	PM
4-Nitrophenol	ND		23	UG/L	95-2	02/14/2000 14:07	PM
Acenaphthene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Acenaphthylene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Anthracene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Benzo(g,h,i)perylene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
bis(2-Chloroethoxy)methane	ND		9	UG/L	95-2	02/14/2000 14:07	PM
bis(2-Chloroethyl)ether	ND		9	UG/L	95-2	02/14/2000 14:07	PM
bis(2-Chloroisopropyl)ether	ND		9	UG/L	95-2	02/14/2000 14:07	PM
bis(2-Ethylhexyl)phthalate	4	J	9	UG/L	95-2	02/14/2000 14:07	PM
Butylbenzylphthalate	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Carbazole	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Chrysene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
di-n-Butylphthalate	ND		9	UG/L	95-2	02/14/2000 14:07	PM
di-n-Octylphthalate	2	J	9	UG/L	95-2	02/14/2000 14:07	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Dibenzofuran	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Diethylphthalate	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Dimethylphthalate	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:07	PM

Sample ID: RAC002
Lab Sample ID: A0079502
Date Collected: 02/08/2000
Time Collected: 13:00

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Hexachlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Hexachloroethane	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Indeno(1,2,3-c,d)pyrene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Isophorone	ND		9	UG/L	95-2	02/14/2000 14:07	PM
N-Nitroso-di-N-propylamine	ND		9	UG/L	95-2	02/14/2000 14:07	PM
N-Nitrosodiphenylamine	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Naphthalene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Nitrobenzene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Pentachlorophenol	ND		23	UG/L	95-2	02/14/2000 14:07	PM
Phenanthrene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Phenol	ND		9	UG/L	95-2	02/14/2000 14:07	PM
Pyrene	ND		9	UG/L	95-2	02/14/2000 14:07	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDE	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDT	ND		0.094	UG/L	95-3	02/15/2000	
Aldrin	ND		0.047	UG/L	95-3	02/15/2000	
alpha-BHC	ND		0.047	UG/L	95-3	02/15/2000	
beta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
delta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Dieldrin	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan I (Alpha)	ND		0.047	UG/L	95-3	02/15/2000	
Endosulfan II (Beta)	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan sulfate	ND		0.094	UG/L	95-3	02/15/2000	
Endrin	ND		0.094	UG/L	95-3	02/15/2000	
Endrin aldehyde	ND		0.094	UG/L	95-3	02/15/2000	
Endrin ketone	ND		0.094	UG/L	95-3	02/15/2000	
gamma-BHC (Lindane)	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor epoxide	ND		0.047	UG/L	95-3	02/15/2000	
Methoxychlor	ND		0.47	UG/L	95-3	02/15/2000	
PCB-1016	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1221	ND		1.9	UG/L	95-3	02/15/2000	
PCB-1232	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1242	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1248	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1254	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1260	ND		0.94	UG/L	95-3	02/15/2000	
Toxaphene	ND		4.7	UG/L	95-3	02/15/2000	
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH

Sample ID: RAC002
Lab Sample ID: A0079502
Date Collected: 02/08/2000
Time Collected: 13:00

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
1,1-Dichloroethane	1	J	10	UG/L	95-1	02/18/2000 03:28	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
1,2-Dichlorethene (Total)	3	J	10	UG/L	95-1	02/18/2000 03:28	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
2-Butanone	ND		10	UG/L	95-1	02/18/2000 03:28	AH
2-Hexanone	ND		10	UG/L	95-1	02/18/2000 03:28	AH
4-Methyl-2-pentanone	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Acetone	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Benzene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Bromodichloromethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Bromoform	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Bromomethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Carbon disulfide	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Carbon tetrachloride	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Chlorobenzene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Chloroethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Chloroform	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Chloromethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Dibromochloromethane	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Ethylbenzene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Methylene chloride	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Styrene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Tetrachloroethene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Toluene	1	J	10	UG/L	95-1	02/18/2000 03:28	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Trichloroethene	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Vinyl chloride	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Xylene, Total	ND		10	UG/L	95-1	02/18/2000 03:28	AH
Metals Analysis							
Aluminum, Total (As AL)	865	N*	200	UG/L	P	02/20/2000	
Antimony, Total (As SB)	ND		60.0	UG/L	P	02/20/2000	
Arsenic, Total (As AS)	ND		10	UG/L	P	02/22/2000	
Barium, Total (As BA)	ND		200	UG/L	P	02/20/2000	
Beryllium, Total (As BE)	ND		5.0	UG/L	P	02/20/2000	
Cadmium, Total (As CD)	ND		5.0	UG/L	P	02/20/2000	
Calcium, Total (As CA)	171000		5000	UG/L	P	02/20/2000	
Chromium, Total (As CR)	ND		10	UG/L	P	02/20/2000	
Cobalt, Total (As CO)	ND		50.0	UG/L	P	02/20/2000	
Copper, Total (As CU)	ND		25.0	UG/L	P	02/20/2000	
Cyanide, Total (As CN)	ND		10	UG/L	CLP-M	02/17/2000	BH
Iron, Total (As FE)	2070	N*	100	UG/L	P	02/20/2000	
Lead, Total (As PB)	ND	*	3.0	UG/L	P	02/20/2000	
Magnesium, Total (As MG)	104000		5000	UG/L	P	02/20/2000	
Manganese, Total (As MN)	119	*	15.0	UG/L	P	02/20/2000	
Mercury, Total (As HG)	ND		0.20	UG/L	CV	02/11/2000	

Sample ID: RAC002
Lab Sample ID: A0079502
Date Collected: 02/08/2000
Time Collected: 13:00

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Nickel, Total (As NI)	ND		40.0	UG/L	P	02/20/2000	
Potassium, Total (As K)	21700	N	5000	UG/L	P	02/22/2000	
Selenium, Total (As SE)	ND		5.0	UG/L	P	02/20/2000	
Silver, Total (As AG)	ND		10	UG/L	P	02/20/2000	
Sodium, Total (As NA)	61600		5000	UG/L	P	02/19/2000	
Thallium, Total (As TL)	ND		10	UG/L	P	02/20/2000	
Vanadium, Total (As V)	ND		50.0	UG/L	P	02/20/2000	
Zinc, Total (As ZN)	46.4	*	20.0	UG/L	P	02/22/2000	

Sample ID: RAC003 MW-30
Lab Sample ID: A0079503
Date Collected: 02/08/2000
Time Collected: 12:15

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	02/14/2000 14:50	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	02/14/2000 14:50	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2-Chlorophenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2-Methyl-4,6-dinitrophenol	ND		24	UG/L	95-2	02/14/2000 14:50	PM
2-Methylnaphthalene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2-Methylphenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
2-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 14:50	PM
2-Nitrophenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	02/14/2000 14:50	PM
3-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 14:50	PM
4-Bromophenylphenylether	ND		9	UG/L	95-2	02/14/2000 14:50	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
4-Chloroaniline	ND		9	UG/L	95-2	02/14/2000 14:50	PM
4-Chlorophenylphenylether	ND		9	UG/L	95-2	02/14/2000 14:50	PM
4-Methylphenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
4-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 14:50	PM
4-Nitrophenol	ND		24	UG/L	95-2	02/14/2000 14:50	PM
Acenaphthene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Acenaphthylene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Anthracene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Benzo(g,h,i)perylene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
bis(2-Chloroethoxy)methane	ND		9	UG/L	95-2	02/14/2000 14:50	PM
bis(2-Chloroethyl)ether	ND		9	UG/L	95-2	02/14/2000 14:50	PM
bis(2-Chloroisopropyl)ether	ND		9	UG/L	95-2	02/14/2000 14:50	PM
bis(2-Ethylhexyl)phthalate	2	J	9	UG/L	95-2	02/14/2000 14:50	PM
Butylbenzylphthalate	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Carbazole	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Chrysene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
di-n-Butylphthalate	ND		9	UG/L	95-2	02/14/2000 14:50	PM
di-n-Octylphthalate	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Dibenzofuran	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Diethylphthalate	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Dimethylphthalate	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Fluoranthene	ND		9	UG/L	95-2	02/14/2000 14:50	PM

Sample ID: RAC003
Lab Sample ID: A0079503
Date Collected: 02/08/2000
Time Collected: 12:15

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Hexachlorobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Hexachloroethane	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Indeno(1,2,3-c,d)pyrene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Isophorone	ND		9	UG/L	95-2	02/14/2000 14:50	PM
N-Nitroso-di-N-propylamine	ND		9	UG/L	95-2	02/14/2000 14:50	PM
N-Nitrosodiphenylamine	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Naphthalene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Nitrobenzene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Pentachlorophenol	ND		24	UG/L	95-2	02/14/2000 14:50	PM
Phenanthrene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Phenol	ND		9	UG/L	95-2	02/14/2000 14:50	PM
Pyrene	ND		9	UG/L	95-2	02/14/2000 14:50	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDE	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDT	ND		0.094	UG/L	95-3	02/15/2000	
Aldrin	ND		0.047	UG/L	95-3	02/15/2000	
alpha-BHC	ND		0.047	UG/L	95-3	02/15/2000	
beta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
delta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Dieldrin	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan I (Alpha)	ND		0.047	UG/L	95-3	02/15/2000	
Endosulfan II (Beta)	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan sulfate	ND		0.094	UG/L	95-3	02/15/2000	
Endrin	ND		0.094	UG/L	95-3	02/15/2000	
Endrin aldehyde	ND		0.094	UG/L	95-3	02/15/2000	
Endrin ketone	ND		0.094	UG/L	95-3	02/15/2000	
gamma-BHC (Lindane)	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor epoxide	ND		0.047	UG/L	95-3	02/15/2000	
Methoxychlor	ND		0.47	UG/L	95-3	02/15/2000	
PCB-1016	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1221	ND		1.9	UG/L	95-3	02/15/2000	
PCB-1232	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1242	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1248	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1254	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1260	ND		0.94	UG/L	95-3	02/15/2000	
Toxaphene	ND		4.7	UG/L	95-3	02/15/2000	
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH

Sample ID: RAC003
Lab Sample ID: A0079503
Date Collected: 02/08/2000
Time Collected: 12:15

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
1,1-Dichloroethane	5	J	10	UG/L	95-1	02/18/2000 04:04	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
1,2-Dichlorethene (Total)	2	J	10	UG/L	95-1	02/18/2000 04:04	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
2-Butanone	ND		10	UG/L	95-1	02/18/2000 04:04	AH
2-Hexanone	ND		10	UG/L	95-1	02/18/2000 04:04	AH
4-Methyl-2-pentanone	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Acetone	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Benzene	4	J	10	UG/L	95-1	02/18/2000 04:04	AH
Bromodichloromethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Bromoform	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Bromomethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Carbon disulfide	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Carbon tetrachloride	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Chlorobenzene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Chloroethane	8	J	10	UG/L	95-1	02/18/2000 04:04	AH
Chloroform	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Chloromethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Dibromochloromethane	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Ethylbenzene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Methylene chloride	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Styrene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Tetrachloroethene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Toluene	2	J	10	UG/L	95-1	02/18/2000 04:04	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Trichloroethene	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Vinyl chloride	26		10	UG/L	95-1	02/18/2000 04:04	AH
Xylene, Total	ND		10	UG/L	95-1	02/18/2000 04:04	AH
Metals Analysis							
Aluminum, Total (As AL)	ND	N*	200	UG/L	P	02/20/2000	
Antimony, Total (As SB)	ND		60.0	UG/L	P	02/20/2000	
Arsenic, Total (As AS)	ND		10	UG/L	P	02/22/2000	
Barium, Total (As BA)	ND		200	UG/L	P	02/20/2000	
Beryllium, Total (As BE)	ND		5.0	UG/L	P	02/20/2000	
Cadmium, Total (As CD)	ND		5.0	UG/L	P	02/20/2000	
Calcium, Total (As CA)	136000		5000	UG/L	P	02/20/2000	
Chromium, Total (As CR)	ND		10	UG/L	P	02/20/2000	
Cobalt, Total (As CO)	ND		50.0	UG/L	P	02/20/2000	
Copper, Total (As CU)	ND		25.0	UG/L	P	02/20/2000	
Cyanide, Total (As CN)	ND		10	UG/L	CLP-M	02/17/2000	BH
Iron, Total (As FE)	5600	N*	100	UG/L	P	02/20/2000	
Lead, Total (As PB)	ND	*	3.0	UG/L	P	02/20/2000	
Magnesium, Total (As MG)	113000		5000	UG/L	P	02/20/2000	
Manganese, Total (As MN)	81.5	*	15.0	UG/L	P	02/20/2000	
Mercury, Total (As HG)	ND		0.20	UG/L	CV	02/11/2000	

Sample ID: RAC003
Lab Sample ID: A0079503
Date Collected: 02/08/2000
Time Collected: 12:15

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Nickel, Total (As NI)	ND		40.0	UG/L	P	02/20/2000	
Potassium, Total (As K)	7650	N	5000	UG/L	P	02/22/2000	
Selenium, Total (As SE)	ND		5.0	UG/L	P	02/20/2000	
Silver, Total (As AG)	ND		10	UG/L	P	02/20/2000	
Sodium, Total (As NA)	43700		5000	UG/L	P	02/19/2000	
Thallium, Total (As TL)	ND		10	UG/L	P	02/20/2000	
Vanadium, Total (As V)	ND		50.0	UG/L	P	02/20/2000	
Zinc, Total (As ZN)	31.4	*	20.0	UG/L	P	02/22/2000	

Sample ID: RAC004 MW-1D w/ Product
Lab Sample ID: A0079504
Date Collected: 02/08/2000
Time Collected: 11:45

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
1,2-Dichlorobenzene	12		9	UG/L	95-2	02/14/2000 15:32	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
1,4-Dichlorobenzene	2	J	9	UG/L	95-2	02/14/2000 15:32	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	02/14/2000 15:32	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	02/14/2000 15:32	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2-Chlorophenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
2-Methyl-4,6-dinitrophenol	ND		24	UG/L	95-2	02/14/2000 15:32	PM
2-Methylnaphthalene	30		9	UG/L	95-2	02/14/2000 15:32	PM
2-Methylphenol	9		9	UG/L	95-2	02/14/2000 15:32	PM
2-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 15:32	PM
2-Nitrophenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	02/14/2000 15:32	PM
3-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 15:32	PM
4-Bromophenylphenylether	ND		9	UG/L	95-2	02/14/2000 15:32	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
4-Chloroaniline	ND		9	UG/L	95-2	02/14/2000 15:32	PM
4-Chlorophenylphenylether	ND		9	UG/L	95-2	02/14/2000 15:32	PM
4-Methylphenol	39		9	UG/L	95-2	02/14/2000 15:32	PM
4-Nitroaniline	ND		24	UG/L	95-2	02/14/2000 15:32	PM
4-Nitrophenol	ND		24	UG/L	95-2	02/14/2000 15:32	PM
Acenaphthene	4	J	9	UG/L	95-2	02/14/2000 15:32	PM
Acenaphthylene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Anthracene	1	J	9	UG/L	95-2	02/14/2000 15:32	PM
Benzo(a)anthracene	1	J	9	UG/L	95-2	02/14/2000 15:32	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Benzo(b)fluoranthene	2	J	9	UG/L	95-2	02/14/2000 15:32	PM
Benzo(g,h,i)perylene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
bis(2-Chloroethoxy)methane	ND		9	UG/L	95-2	02/14/2000 15:32	PM
bis(2-Chloroethyl)ether	ND		9	UG/L	95-2	02/14/2000 15:32	PM
bis(2-Chloroisopropyl)ether	ND		9	UG/L	95-2	02/14/2000 15:32	PM
bis(2-Ethylhexyl)phthalate	12		9	UG/L	95-2	02/14/2000 15:32	PM
Butylbenzylphthalate	5	J	9	UG/L	95-2	02/14/2000 15:32	PM
Carbazole	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Chrysene	1	J	9	UG/L	95-2	02/14/2000 15:32	PM
di-n-Butylphthalate	ND		9	UG/L	95-2	02/14/2000 15:32	PM
di-n-Octylphthalate	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Dibenzofuran	2	J	9	UG/L	95-2	02/14/2000 15:32	PM
Diethylphthalate	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Dimethylphthalate	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Fluoranthene	4	J	9	UG/L	95-2	02/14/2000 15:32	PM

Sample ID: RAC004
Lab Sample ID: A0079504
Date Collected: 02/08/2000
Time Collected: 11:45

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	3	J	9	UG/L	95-2	02/14/2000 15:32	PM
Hexachlorobenzene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Hexachloroethane	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Indeno(1,2,3-c,d)pyrene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Isophorone	ND		9	UG/L	95-2	02/14/2000 15:32	PM
N-Nitroso-di-N-propylamine	ND		9	UG/L	95-2	02/14/2000 15:32	PM
N-Nitrosodiphenylamine	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Naphthalene	38		9	UG/L	95-2	02/14/2000 15:32	PM
Nitrobenzene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Pentachlorophenol	ND		24	UG/L	95-2	02/14/2000 15:32	PM
Phenanthrene	8	J	9	UG/L	95-2	02/14/2000 15:32	PM
Phenol	ND		9	UG/L	95-2	02/14/2000 15:32	PM
Pyrene	ND		9	UG/L	95-2	02/14/2000 15:32	PM
AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDE	ND		0.094	UG/L	95-3	02/15/2000	
4,4'-DDT	ND		0.094	UG/L	95-3	02/15/2000	
Aldrin	ND		0.047	UG/L	95-3	02/15/2000	
alpha-BHC	ND		0.047	UG/L	95-3	02/15/2000	
beta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
Chlordane (alpha & gamma)	ND		0.047	UG/L	95-3	02/15/2000	
delta-BHC	ND		0.047	UG/L	95-3	02/15/2000	
Dieldrin	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan I (Alpha)	ND		0.047	UG/L	95-3	02/15/2000	
Endosulfan II (Beta)	ND		0.094	UG/L	95-3	02/15/2000	
Endosulfan sulfate	ND		0.094	UG/L	95-3	02/15/2000	
Endrin	ND		0.094	UG/L	95-3	02/15/2000	
Endrin aldehyde	ND		0.094	UG/L	95-3	02/15/2000	
Endrin ketone	ND		0.094	UG/L	95-3	02/15/2000	
gamma-BHC (Lindane)	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor	ND		0.047	UG/L	95-3	02/15/2000	
Heptachlor epoxide	ND		0.047	UG/L	95-3	02/15/2000	
Methoxychlor	ND		0.47	UG/L	95-3	02/15/2000	
PCB-1016	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1221	ND		1.9	UG/L	95-3	02/15/2000	
PCB-1232	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1242	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1248	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1254	ND		0.94	UG/L	95-3	02/15/2000	
PCB-1260	ND		0.94	UG/L	95-3	02/15/2000	
Toxaphene	ND		4.7	UG/L	95-3	02/15/2000	
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	850	J	4000	UG/L	95-1	02/18/2000 17:36	AH
1,1,2,2-Tetrachloroethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH

Sample ID: RAC004
Lab Sample ID: A0079504
Date Collected: 02/08/2000
Time Collected: 11:45

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,2-Trichloroethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
1,1-Dichloroethane	1600	J	4000	UG/L	95-1	02/18/2000 17:36	AH
1,1-Dichloroethene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
1,2-Dichlorethene (Total)	110000		4000	UG/L	95-1	02/18/2000 17:36	AH
1,2-Dichloroethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
1,2-Dichloropropane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
2-Butanone	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
2-Hexanone	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
4-Methyl-2-pentanone	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Acetone	1500	J	4000	UG/L	95-1	02/18/2000 17:36	AH
Benzene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Bromodichloromethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Bromoform	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Bromomethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Carbon disulfide	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Carbon tetrachloride	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Chlorobenzene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Chloroethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Chloroform	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Chloromethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
cis-1,3-Dichloropropene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Dibromochloromethane	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Ethylbenzene	1300	J	4000	UG/L	95-1	02/18/2000 17:36	AH
Methylene chloride	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Styrene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Tetrachloroethene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Toluene	13000		4000	UG/L	95-1	02/18/2000 17:36	AH
trans-1,3-Dichloropropene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Trichloroethene	ND		4000	UG/L	95-1	02/18/2000 17:36	AH
Vinyl chloride	11000		4000	UG/L	95-1	02/18/2000 17:36	AH
Xylene, Total	5100		4000	UG/L	95-1	02/18/2000 17:36	AH

Sample ID: TRIP BLK
Lab Sample ID: A0079505
Date Collected: 02/08/2000
Time Collected:

Date Received: 02/09/2000
Project No: 7A7260-8
Client No: L10255
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,1,2-Trichloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,1-Dichloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,1-Dichloroethene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,2-Dichlorethene (Total)	3	J	10	UG/L	95-1	02/18/2000 08:27	AH
1,2-Dichloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
1,2-Dichloropropane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
2-Butanone	ND		10	UG/L	95-1	02/18/2000 08:27	AH
2-Hexanone	ND		10	UG/L	95-1	02/18/2000 08:27	AH
4-Methyl-2-pentanone	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Acetone	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Benzene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Bromodichloromethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Bromoform	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Bromomethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Carbon disulfide	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Carbon tetrachloride	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Chlorobenzene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Chloroethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Chloroform	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Chloromethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Dibromochloromethane	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Ethylbenzene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Methylene chloride	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Styrene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Tetrachloroethene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Toluene	2	J	10	UG/L	95-1	02/18/2000 08:27	AH
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Trichloroethene	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Vinyl chloride	ND		10	UG/L	95-1	02/18/2000 08:27	AH
Xylene, Total	ND		10	UG/L	95-1	02/18/2000 08:27	AH

STL
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MW-1

~~MS~~

Report To: Rob Ryan
Contact:
Company: NYSDEC: E-R R/8
Address: 6274 Avon-Lima Rd.
Avon, N.Y. 14414
Phone: 716-226-5356
Fax: —
E-Mail: —

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: SM Koch
Signature: SM Koch
Project Name: Raeco
Project Number:
Project Location:
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	40ml VOA vials	1 L glass (amber)	1 L plastic	Additional Analyses / Remarks
	RACO-01	2/8/00	1:25 PM	W	G.	3	3	1	MW-1
	RACO-TB	2/8/00	—	W	—	1			trip blank.

INDICATE PRESERVATIVE # USING KEY BELOW (Optional)
INDICATE CONTAINER # USING KEY BELOW (Optional)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
SM Koch	NYSDEC: E-R	2-8-00	5:10 P.M.		STL	2-9-00	10:30
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS:
cooler 6°C

Courier:

Bill of Lading:

00139

STL COC 10/98 Rev. 0

STL
Committed To *Your* Success

MW-1
MS

Report To: Rob Ryan
Contact:
Company: NYSDEC: Region 8
Address: 6274 Avon-Lima Rd.
Avon, N.Y. 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: JM Koch
Signature: JM Koch
Project Name: Raco
Project Number:
Project Location: Raco
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	40ml VOA vial	1 L glass (amber)	1 L plastic	Additional Analyses / Remarks
	RACO-01MS	2/8/00	1:25PM	W	G	3	3	1	MW-1 (MS)
	RACO-TB	2/8/00	—	W	—	1			trip blank

INDICATE PRESERVATIVE BY USING KEY BELOW (Optional)
INDICATE CONTAINER BY USING KEY BELOW (Optional)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
JM Koch	NYSDEC: E-R	2-8-00	5:10PM				
						2/9/00	1000

0013695

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A =
O =

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS: cool 6°C

Courier:

Bill of Lading:

STL
Committed To *Your* Success

MW - 1
MSD

Report To: Rob Ryan
Contact:
Company: NYSDEC : Region 8
Address: 6274 Avon-Lima Rd.
Avon, N.Y. 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
PO#: Quote:

Internal Use Only

Sampler Name: T M Koch
Signature: T M Koch
Project Name: Raeco
Project Number:
Project Location: Raeco
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	40 ml VOA-vial	1 L glass (amber)	1 L plastic	Additional Analyses / Remarks
	RACO-01MSD	2/8/00	1:25 PM	W	G	3	3	1	MW-1 (MSD)
	RACO-TB	2/8/00	—	W	G	1	1	1	trip blank

INDICATE PRESERVATIVE # USING KEY BELOW (Optional)
INDICATE CONTAINER BY USING KEY BELOW (Optional)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
T M Koch	NYSDEC : E-R	2/8/00	5:10 P.M.		STL	2.9.00	10:00
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS: cooler 6°C

Courier:

Bill of Lading:

STL COC 10/98 Rev. 0

013999

STL
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MW-2

Report To: Rob Ryan
Contact:
Company: NYSDEC: Region 8
Address: 6274 Avon-Lima Rd.
Avon, N.Y. 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
PO#: Quote:

Internal Use Only

Sampler Name: T M Koch
Signature: T M Koch
Project Name: Raeco
Project Number:
Project Location:
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	40 ml VOA vials	1 L glass (amber)	1 L plastic	Additional Analyses / Remarks
	RACO-02	2/8/00	1:00 PM	W	G	3	3	1	MW-2
	RACO-TB	2/8/00	—	W	—	1			Trip blank

(INDICATE PRESERVATIVE USED IN KEY BELOW FOR EACH)
(INDICATE CONTAINER TYPE IN KEY BELOW FOR EACH)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
T M Koch	NYSDEC: E-R	2/8/00	5:10 PM	P Cole		2/9/00	1000
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A =
O =

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
None

COMMENTS: cool 6°C

Courier:

Bill of Lading:

STL COC 10/98 Rev 0

STL
Committed To *Your* Success

MW-3

Report To: Rob Ryan

Contact:	
Company:	NYSDEC: Region 8
Address:	6274 Avon-Lima Rd. Avon, N.Y. 14414
Phone:	716-226-5356
Fax:	
E-Mail:	

Bill To:

Contact:	
Company:	
Address:	
Phone:	
Fax:	
POI:	Quote:

Internal Use Only

[redacted]

Sampler Name: TM Koch	Signature: TM Koch
Project Name: Raeco	Project Number:
Project Location:	Date Required:

INDICATE PRESERVATIVE USING KEY BELOW (Optional)
INDICATE CONTAINER BY USING KEY BELOW (Optional)

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP/GRAB	40 ml VOA vial	1L glass (amber)	1L plastic	Additional Analyses / Remarks
	RACO-03	2/8/00	12:15PM	W	G	3	3	1	MW-3
	RACO-TB	2/8/00	—	W	—	1			Trip blank.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
TM Koch	NYSDEC: E-R	2-8-00	5:10PM	[signature]	STL	2-9-00	10:00

001839

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
A = Air
O = ___________

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°
7. None

COMMENTS: Cooler 6°C

Courier:

Bill of Lading:

STL COC 10/98 R...

STL
Committed To *Your* Success

MW-1 Product

Report To: Rob Ryan

Contact:
Company: NYSDEC: Region 8
Address: 6274 Avon-Lima Rd.
Avon, NY 14414
Phone: 716-226-5356
Fax:
E-Mail:

Bill To:

Contact:
Company:
Address:
Phone:
Fax:
POI: Quote:

Internal Use Only

Sampler Name: T M Koch
Signature: T M Koch
Project Name: Raeco
Project Number:
Project Location:
Date Required:

STL Sample No.	Client Sample ID	Sampling Date	Sampling Time	MATRIX	COMP / GRAB	40ml VOA vial	1 L glass (amber)	16oz. plastic	Additional Analyses / Remarks
	RACO-04	2/8/00	11:45 AM	W	G.	2	2	1	Product from Well No. 1

INDICATE PRESERVATION USING KEY BELOW (Optional)
INDICATE CONTAINER BY USING KEY BELOW (Optional)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
T M Koch	NYSDEC: E-R	2-8-00	5:10PM				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Joan Kuebler	STL	2-9-00	1000

OC1397

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous Solids
OL = Oil
\ =
O =

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
—
7. None

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn Acetate, Cool to 4°
6. Cool to 4°

COMMENTS:
Note:
Metals bottle was NOT filled. Product was [illegible]

Courier:

Bill of Lading:

APPENDIX C

SOIL BORING & WELL LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

RECEIVED

MAR 9 2000

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO), Rochester, N.Y.		
BORING NUMBER: MW-1D	COORDINATES:	DATE: 11/11/99	
ELEVATION:	GWL: Depth / Date/Time	DATE STARTED: 11/11/99	
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth / Date/Time	DATE COMPLETED: 11/	
DRILLING METHODS: 6 1/4" ID x 10" OD HSA to 10', 5 7/8" roller bit to 17'		PAGE 1 OF 6	

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER 6"	RECOVERY (IN)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
0	SS-1	8-10 12-13	6	moist dark brown silty sand and mf gravel, brick frags + cement frags	FILL/GM	1.7	4-inch sched 40 PVC casing	
2	SS-2	9-9 9-9	6	moist black stained silty sand and gravel	FILL/GM	450	grout	
4	SS-3	2-1 2-2	8		FILL/GM	885		interval collected for VOCs, SVOA, Metals, CN⁻, Pest/PCB
6	SS-4	2-2 3-12	18	moist tan/green silty clay	CL	250		low plasticity stiff
8	SS-5	16-50 52-100/3	20	dry to moist tan/grey silty clay with grey shaley fragments of dolomite	ML	150 220		no plasticity
10				TOP OF WEATHERED BEDROCK				
12				Weathered Dolomite				5 7/8" roller bit

NOTES:
Drilling Company - Maxim Technologies of Ithica, N.Y.
Rig - 1974 CME 550

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAEOD) Rochester, N.Y.		
BORING NUMBER: MW-1D	COORDINATES:		DATE: 11/11/99
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 11/11/99
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth	Date/Time	DATE COMPLETED: 11/11/99
DRILLING METHODS: 6 1/4" ID x 10" OD HSA to 10', 5 7/8" roller bit to 17'			PAGE 2 OF 6

DEPTH ( )	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ( )	RECOVERY ( )	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
14				Weathered Dolomite Competent Dolomite				4-inch sch 40 PVC casing grout 5 7/8" roller bit
16								
17				see page 3. End rollerbitting. Start core runs.				

NOTES:

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 3 OF 6

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-1D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/18/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/18/99

COORDINATES _____ DATE COMPLETED 11/19/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	17'				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	17	100	6		5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained, dense Bedding joints, flat, very narrow separation				-slightly weathered, clay on surfaces chemical odor
	18		25						-SAA
	19		3						-SAA
	20		7						-SAA
	21		3		End Run 1 at 21' below grade				-SAA

*SAA - same as above.

RQD - 100%
No water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 4 OF 6

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-1D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/18/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/18/99

COORDINATES _____ DATE COMPLETED 11/19/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	17'				

RUN NUMBER	DEPTH - FT -	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	21	100	0		5YR 4/1 Brownish grey Dolomite massive, medium soft, slightly weathered, fine grained, dense				slightly weathered clay on surfaces
	22								
	23								
	24								
	25								
	26				End Run 2 at 21' below grade.				RQD - 96% ~20 gallons of water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 5 OF 6

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-1D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/18/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/18/99

COORDINATES _____ DATE COMPLETED 11/19/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC					

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	26				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained, dense. Flat bedding joints, very narrow to wide.				
	27		75						
			85						large fractures, clay filled
			80						
	28		115						
			10						
	29								
			10						calcite filled vug ¾" dia.
	30		10						
									brachiopod fossils
	31				End Run 3 at 31' below grade				RQD - 92% ~20 gallons of water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 6 OF 6

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-1D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/19/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/18/99

COORDINATES _____ DATE COMPLETED 11/19/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	17'				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	31	100			5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained, dense. Flat bedding joints, very narrow to wide.				
	32		0						clean
			0						clean
	33		0						cavity?/wide fracture with some broken dolomite
			0						
	34								
	35								
	36				End Run 4 at 36' below grade. End boring at 36' below grade.				RQD - 75% ~50 gallons of water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO), Rochester, NY		
BORING NUMBER: MW-2D	COORDINATES:		DATE: 11/16/99
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 11/16/99
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth	Date/Time	DATE COMPLETED:
DRILLING METHODS: 6¼" ID x 10" OD HSA to 16', 5 7/8" roller bit to 20'			PAGE 1 OF 8

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER 6"	RECOVERY (inch)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
2	SS-1	43-44 51-47	18	dry dark brown silty sand and gravel, little brick frags present.	FILL	1.2	4-inch schd 40 PVC casing	
4	SS-2	11-11 18-14	10	black stained	FILL	2.2	grout	
6	SS-3	2-2 2-2	4	moist black stained silty sand and gravel, little slag present	FILL	1.8		
8	SS-4	1-½ 1	4			1.5		
10	SS-5	3-2 8-4	5	moist reddish brown silty sand and gravel with wood fragments	FILL	1.0		
12	SS-6	3-3 4-4	18	moist lt brown/tan silty clay, little dolomite gravel		0		

NOTES:
Drilling Company - Maxim Technologies of Ithica, NY
Rig - 1974 CME 550

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO) Rochester, NY		
BORING NUMBER: MW-2D	COORDINATES:		DATE: 11/16/99
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 11/16/99
ENGINEER/GEOLOGIST: Paul ANGELILLO	Depth	Date/Time	DATE COMPLETED:
DRILLING METHODS: 6 1/4" ID x 10" OD HSA to 16', 5 7/8" rollerbit to 20'			PAGE 2 OF 8

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6")	RECOVERY (inch)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
	SS-7	12-14 11-18	18	cement/concrete, dry	FILL	0		
14	SS-8	5-20 57-100/2	5	moist lt. grey/tan silty clay solvent odor		45		
16				TOP OF WEATHERED BEDROCK Weathered dolomite				5 7/8" roller bit
18				Competent dolomite				
20				End rollerbitting. Start core runs.				

NOTES:

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 3 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/24/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	20	100			5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained. Bedding joints, narrow to wide separation.				- empty vug
			482	0					- clay filled
	21								
	21.3'				End Run 1 at 21.3'.				RQD - 45% No water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 4 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/24/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH - FT -	RECOVERY %	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	21.3				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained. Bedding joints, narrow to wide separation.				
	22.3								
			120						brownish stained
	23.3		120						brownish stained
			320						clay filled
	24.3								pitted/vuggy zone
	25.3								
	26.3								RQD - 45%

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INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 5 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/24/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	26.3				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained Bedding joints, narrow Separation				
	27.3								
	28.3								
	29.3								clean
	30.3								
	31.3								RQD - 96% No water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 6 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/24/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	31.3		120		5YR 4/1 Brownish grey Dolomite, Massive, medium soft, slightly weathered, fine grained. Bedding joints - narrow to wide separation.				-clay-filled
	323								
	333								
	343								
	353								
	363				End Run4 at 36.3'				RQD - 99.6% No water lost.

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 7 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/24/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	36.3				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained. Bedding joints - narrow separation.				
	37.3								
	38.3								
	39.3								hairline
	40.3								
	41.3								

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 8 OF 8

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-2D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/29/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/24/99

COORDINATES _____ DATE COMPLETED 11/29/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	20				

RUN NUMBER	DEPTH - FT -	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	41.3								
			0		5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained. Bedding joints - narrow to wide separation.				- clay filled
	42.3		0						▼ - cavity? / open fracture with broken dolomite
	43.3								
	44.3								- calcite filled vug
	45.3								
	46.3				End Run 6 at 46.3'. End boring at 46.3'.				RQD - 92%. ~50 gallons of water lost.

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INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO) Rochester, NY		
BORING NUMBER: MW-3D	COORDINATES:	DATE: 11/22/99	
ELEVATION:	GWL: Depth — Date/Time	DATE STARTED: 11/22/99	
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth — Date/Time	DATE COMPLETED:	
DRILLING METHODS: 6¼"ID x 10"OD HSA to 22', 5⅞" rollerbit to 27'		PAGE 1 OF 7	

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6")	RECOVERY (inch)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				ASPHALT + GRAVEL	ROAD			
2	SS-1	11-3 3-2		dry grey silty sandy clay and m Gravel		0.5	4-inch schd 40 PVC casing	
4	SS-2	3-3 3-3				0.3	grout	
6	SS-3	8-8 9-10		moist dk brown silty sand and m Gravel with wood fragments		0.5		
8	SS-4			moist grey silty clay with brick fragments		0.5		
10	SS-5	4-4 5-15	0					
12	SS-6	10-16 12-9		moist dk brown silty sand and m Gravel with brick fragments		53		

NOTES:

Drilling company - Maxim Technologies of Ithica, NY
Rig - 1974 CME 550

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO) Rochester, NY		
BORING NUMBER: MW-3D	COORDINATES:	DATE: 11/22/99	
ELEVATION:	GWL: Depth — Date/Time	DATE STARTED: 11/22/99	
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth — Date/Time	DATE COMPLETED:	
DRILLING METHODS: 6¼"×10" OD HSA to 22', 5⅞" rollerbit to 27'		PAGE 2 OF 7	

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6")	RECOVERY (inch)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
14	SS-7	4-5 6-7	12	moist tan silty clay and dolomite gravel		20		4-inch sched 40 PVC casing
16	SS-8	2-3 3-4	18	moist grey/tan silty clay, little sand and plant fragments (carbonized)		0		grout
18	SS-9	4-3 5-6	20	black wet coal ash and wood fragments moist grey silty clay with plant frags and electrical wire		2		
20	SS-10	3-6 5-23		dry to moist lt. grey silt, trace of sand		0		
22	SS-11	25-26 100/3		TOP OF BEDROCK Weathered dolomite		0		5⅞" roller bit
24				weathered dolomite to 24'				

NOTES:

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 776361	PROJECT NAME: JH RAE (RAECO) Rochester, NY		
BORING NUMBER: MW-3D	COORDINATES:		DATE: 11/22/99
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 11/22/99
ENGINEER/GEOLOGIST: PAUL ANGELILLO	Depth	Date/Time	DATE COMPLETED:
DRILLING METHODS: 6¼" 10x10"00 HSA to 22', 5⅞" rollerbit to 27'			PAGE 3 OF 7

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ( )	RECOVERY ( )	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
26				COMPETENT DOLOMITE				
27				End Roller bitting. Start core runs				

NOTES:

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 4 OF 7

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-3D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/30/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/30/99

COORDINATES _____ DATE COMPLETED 11/30/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC					

RUN NUMBER	DEPTH IN FT	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	27				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered, fine grained. Bedding joints - narrow to wide separation.				- clay-filled fracture slight petrochemical odor
	28		3						- open vug and fractures
	29								
	30								
	31								- hairline fractures
					End Run 1 at 31 feet.				RQD - 65% no loss of water - return water had a petrochemical odor

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 5 OF 7

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-3D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/30/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/30/99

COORDINATES _____ DATE COMPLETED 11/30/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC					

RUN NUMBER	DEPTH (FT)	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	31				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered. Bedding joints, narrow to wide separation.				fracture filled with broken dolomite
	32								open small fractures
	33								open small fractures
	34								
	35								
	36								porous zone
					End Run 2 at 36'.				

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 6 OF 7

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-3D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/30/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/30/99

COORDINATES _____ DATE COMPLETED 11/30/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	27				

RUN NUMBER	DEPTH - FT - 3b	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	27				5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered. Bedding joints, narrow separation				- fracture zone, broken hairline - open fracture
	38								
	39								
	40								
	41								

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF ROCK

PROJECT NUMBER 776361 FIELD ENG./GEO. PAUL ANGELILLO PAGE 7 OF 7

PROJECT NAME JH RAE (RAECO), ROCHESTER, N.Y. BORING NO. MW-3D

APPROX. ELEV. _____ CORE SIZE _____ DATE 11/30/99

DRILLING METHOD 3⅞" HQ Diamond Bit DATE STARTED 11/30/99

COORDINATES _____ DATE COMPLETED 11/30/99

CASING INFORMATION		GROUNDWATER LEVEL DATA			
SIZE	DEPTH	ACTUAL TIME	DEPTH	ACTUAL TIME	DEPTH
4-inch PVC	27				

RUN NUMBER	DEPTH - FT - 41	RECOVERY (%)	PID (ppm)	Fractures	DESCRIPTION	JOINT SPACING MAXIMUM	JOINT SPACING MINIMUM	JOINT SPACING AVERAGE	REMARKS
	42	100	0		5YR 4/1 Brownish grey Dolomite, massive, medium soft, slightly weathered. Bedding joints - narrow to wide separation				clay-filled fracture
	43								
	44								pitted zone
	45								
	46				End Run 4 at 46'. End boring at 46'.				

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