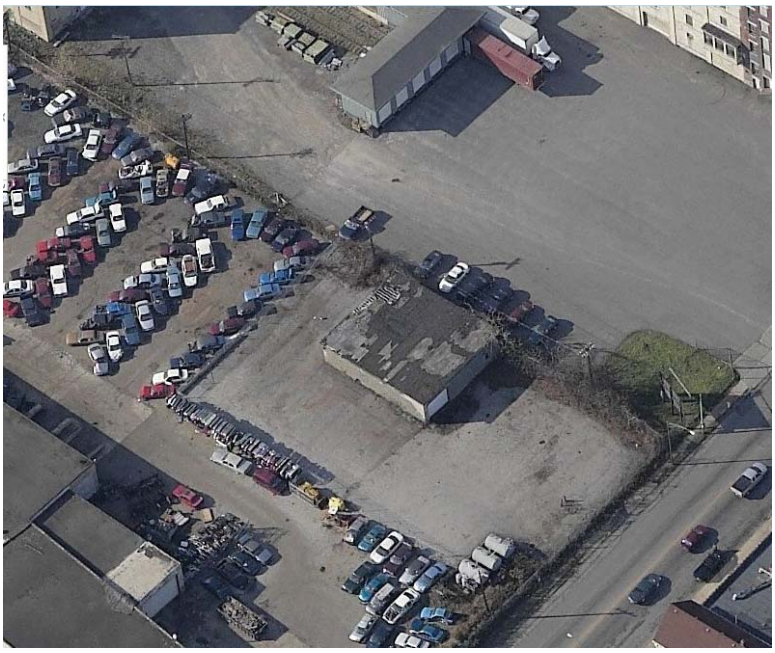
SITE INVESTIGATION REPORT

BENGART AND MEMEL SITE
NYSDEC SITE NO. 9-15-115
BUFFALO (C), ERIE COUNTY



Prepared By:

270 Michigan Ave.
Buffalo, New York 14207
Phone: (716) 851-7220
Fax: (716) 851-7226

March 2007

TABLE OF CONTENTS

TABLES

APPENDICES

LIST OF FIGURES

SECTION 1
INTRODUCTION

1.1 PURPOSE

The following represents a summary of a recent limited site investigation to assess the site for potential residual polychlorinated biphenyls (PCB) levels at the site, and assess the ongoing need to maintain an active groundwater collection and treatment system at the site.

1.2 OBJECTIVES

A focused limited site investigation was performed in mid 2006 at the former Bengart & Memel, Inc. (B&M) site, in the City of Buffalo (see Figure 1), to assess the presence of residual PCBs in soil and groundwater at the site. Additional parameters were evaluated to assess if there are any other chemicals of concern, either residual or from subsequent operations at the site. The investigation was limited to the site as defined as 1079 Clinton St. (99.75 ft by 180 ft. parcel, SBL # 112.77-4-2.1 as indicated on Figures 2 and 3, and herein identified as Lot 2.1). The results of this investigation will be used to assess the need for continued operation and maintenance of the shallow groundwater treatment system or development and implementation of a more comprehensive site remediation so as to eliminate the need for the groundwater collection and treatment system at Lot 2.1.

1.3 BACKGROUND INFORMATION

According to record information for the site, the site (primarily Lot 2.1) was previously remediated by the respondent through a combination of an experimental soil treatment process to treat soil with PCB concentrations in excess of 50 parts per million (ppm) and select removal of soil with PCB concentrations greater than 50 ppm, and installation of a shallow groundwater collection and treatment system to collect and treat groundwater for the removal of PCBs in the shallow groundwater horizon. According to documentation of the PCB cleanup conducted in the mid 1980s, PCB residual levels in site soil and fill are reportedly less than 50 ppm. As part of the planned remediation of the site, the residual PCBs in the soil remain in the soil and groundwater. A groundwater collection and treatment system was installed by the respondent as part of the remediation plan to address the potential migration of residual PCBs in the shallow groundwater. The areas containing the residual PCBs received an asphalt cap system. The remediation of the site by the respondent occur from 1985 to 1986. Following the completion of the planned remediation work and submittal of required documentation, the site was reclassified for a Class 2 site to a Class 4 site in 1987.

The area (Lot 2.1) remediated by the respondent under the Order on Consent (Order) consists of the asphalt capped area, stormwater management and treatment, and groundwater treatment system. The elevation of the asphalt capped is sloped to allow drainage of surface water to a stormdrain in the capped area which is connected to an oil/water separator which drains into the Buffalo Sewer Authority (BSA) combined sewer on Clinton Street. The oil/water separator serves as a treatment device for stormwater runoff from the asphalt capped area. The

groundwater water collection and treatment system consists of a shallow groundwater interceptor trench along the northern and western perimeter of Lot 2.1. The interceptor trench extends onto Lot 2.2. The interceptor trench contains a 6-inch PVC drainpipe that directs intercepted groundwater to a sump. The sump originally contained a submersible pump which pumped collected water to a series of two storage tanks for temporary storage. The water in the tanks batch treated by pumping stored water through two carbon adsorption vessels to remove residual PCBs. The treated water was stored in a third tank for sampling prior to discharge to the BSA combined sewer. The treatment system is located on a concrete containment pad that straddles Lots 2.1 and 2.2. The treatment system is exposed to the elements and none of the system piping and pumps are insulated for cold weather operation.

The elevation of the asphalt capped area is above the elevation of the adjoining roadway right-of-way and sidewalk along Clinton Street by approximately 2 to 3 feet. The abrupt change in elevation from the side walk to the asphalt cap area forms an embankment (see Figure 3 for embankment limits). The embankment features varies, and in some sections consists of several courses of railroad ties stacked to form a low retaining wall. The retaining wall is in poor condition. Exposed soils are a the base and above the top of railroad ties retaining wall. There is no protection from or isolation of PCBs that may be present in surface soils or shallow groundwater that could potentially seep from the embankment.

Currently, the shallow ground water treatment system is not functional, and has not been in operation for a number of years. Documentation on the non-functional status dates back as early as 2001. The collection and treatment system requires major repair/replacement to be operational. Because the groundwater collection and treatment system is not operational, it was uncertain if residual PCBs at the site are currently being released to the environment, especially along the embankment adjacent to the public right-of-way and roadway (Clinton Street). Several attempts were made by the NYSDEC Division of Environmental Remediation (DER) to have the respondent repair the collection and treatment system, and place it back into operation.

As a result of the non-responsiveness from both the respondent and current owner of record, the Division of Environmental Enforcement (DEE) issued a referral in 2005 to DER to take required action at the site. DER has undertaken this investigation as part of the referral action. The investigation data will be used to assess residual PCB levels in the soil and groundwater in Lot 2.1, and assess the need for continued operation and maintenance of the shallow groundwater treatment system or development and implementation of a more comprehensive site remediation so as to eliminate the need for the groundwater collection and treatment system.

1.4 SITE HISTORY

A detailed description of the historical operations at the site is contained in the Order on Consent (Order) dated January 13, 1982. The site subject to the order is not explicit. However, review of the Order and reference to the deed contained in the Order implies that the Order only applies to a portion the industrial site solely owned by the respondent. The portion of the industrial site solely owned by the respondent at the time of the Order was executed was Lot 2.1. The Bengart and Memel business operations included the use of Lot 2.1 and a larger adjoining lot (identified as Lot 2.2). Lots 2.1 and 2.2 were part of a single lot which were subsequently subdivided and separately sold by the respondent. Lot 2.2 was sold to 1091 Clinton, Inc. in 1986 after the Order, and has been sold on two occasions since. Lot 2.1 subsequently sold by the

respondent to 1091 Clinton Inc. in 1989 after execution of the Order. The respondent and the current owner of the site (1091 Clinton, Inc.) has not maintained the cap system and groundwater collection and treatment system at the site.

The site is located in an urban commercial area on the south side of Clinton St. in Buffalo (C), Erie Co., NY. approximately 1/4 mile east of the Fillmore Ave. intersection (see Figure 1). The surrounding land use is a mix of commercial and warehousing operations on the southern side of Clinton St. with residential and commercial on the north side of Clinton St. The southern end of the site is bounded by railroad lines.

The Order involved the achieving regulatory compliance for PCB waste management, modifying an existing collection and treatment system, developing and implementing a remediation plan to treat/remove PCB's above 50 ppm. The site was characterized by several previous investigations as one contiguous lot currently identified as lots SBL #112.77-4-2.1 (Lot 2.1) and 112.77-4-2.2 (Lot 2.2)(see Figure 2). According to the investigation performed at that time, PCB contamination was reportedly confined to lot 2.1 (current address of record is 1079 Clinton St.). At the time of the original investigation, the main site features of the single contiguous lot and contained two concrete block buildings. The balance of land was previously used for non-ferrous scrap metal stockpiling and sorting, and employee parking.

Prior to signing of the Order On Consent in 1982, Lot 2.2 (current address of record is 1091 Clinton St.) containing the larger sprawling building was subdivided and sold. Lot 2.2 was sold several times since the issuance of the Order On Consent, and is currently being utilized by an automobile wrecking operation (Clinton Auto Wrecking, Inc.). The remaining portion of the subdivided site (Lot 2.1) containing a smaller concrete block building and remediation measures remains idle. The 1079 Clinton Street address was subsequently assigned to Lot 2.1.

During B&M operations, scrap metal was processed and sorted. B&M periodically received transformers and capacitors containing PCB oils. According to historic file information, these operations were primarily limited to the northwest portion of the site (Lot 2.1) where PCB contamination was principally detected. The PCB containing oils were spilled on this portion of the site contaminating the soil and shallow groundwater. Runoff from spills containing PCB contaminated oils reached the offsite BSA combined sewer system on Clinton Street. PCB contamination of the combined sewer system was discovered by the BSA, which subsequently prompted the investigation of the B&M site, which ultimately culminated in a Order on Consent from the NYSDEC to remediate the PCBs on the site.

The eventual remediation of Lot 2.1 involved a USEPA demonstration project to reduce PCB contaminant levels in soils at the site to below 50 ppm using a proprietary chemical treatment process. The demonstration remediation project consisted of excavation of PCB contaminated soil characterized in excess of 50 ppm, placement in drums for chemical treatment to reduce PCB levels below 50 ppm, and finally placing treated soils back onto the site. The demonstration project also included in-situ trials in reducing the PCB levels in the soil. The demonstration project was initiated during the summer of 1985 was deemed complete by the consultant in October, 1986.

Since PCB's in soils were not removed, but reportedly reduced to levels below 50 ppm, a shallow groundwater collection system was installed to intercept PCB's that could potentially migrate along the shallow groundwater horizon. Impacted groundwater collected by the

collection system was batch treated by carbon adsorption prior to discharge to the City of Buffalo combined sewer system. The PCB contaminated area was paved with an asphalt cover to preclude contact with soil contaminated with residual PCBs (less than 50 ppm) and reduce infiltration of surface water to limit the generation of PCB contaminated groundwater. The asphalt cover was equipped with surface drains to capture and treat surface water via an oil water separator prior to discharge to the sanitary sewer. Refer to Figure 3 for the features described above.

Following the completion of the soil treatment and installation of the groundwater collection and treatment system, the site subject to the Order was reclassified to a Class 4 site in December, 1987.

The groundwater collection and treatment system was operated by the respondent for a number of years. During a 2001 inspection, the system was found to be non-functional. The current treatment system has major design and operation flaws including a non-automated batch operation system design which requires manual control operation in order for the system to operate and no freeze protection which resulted in operational shutdown during freezing winter months.

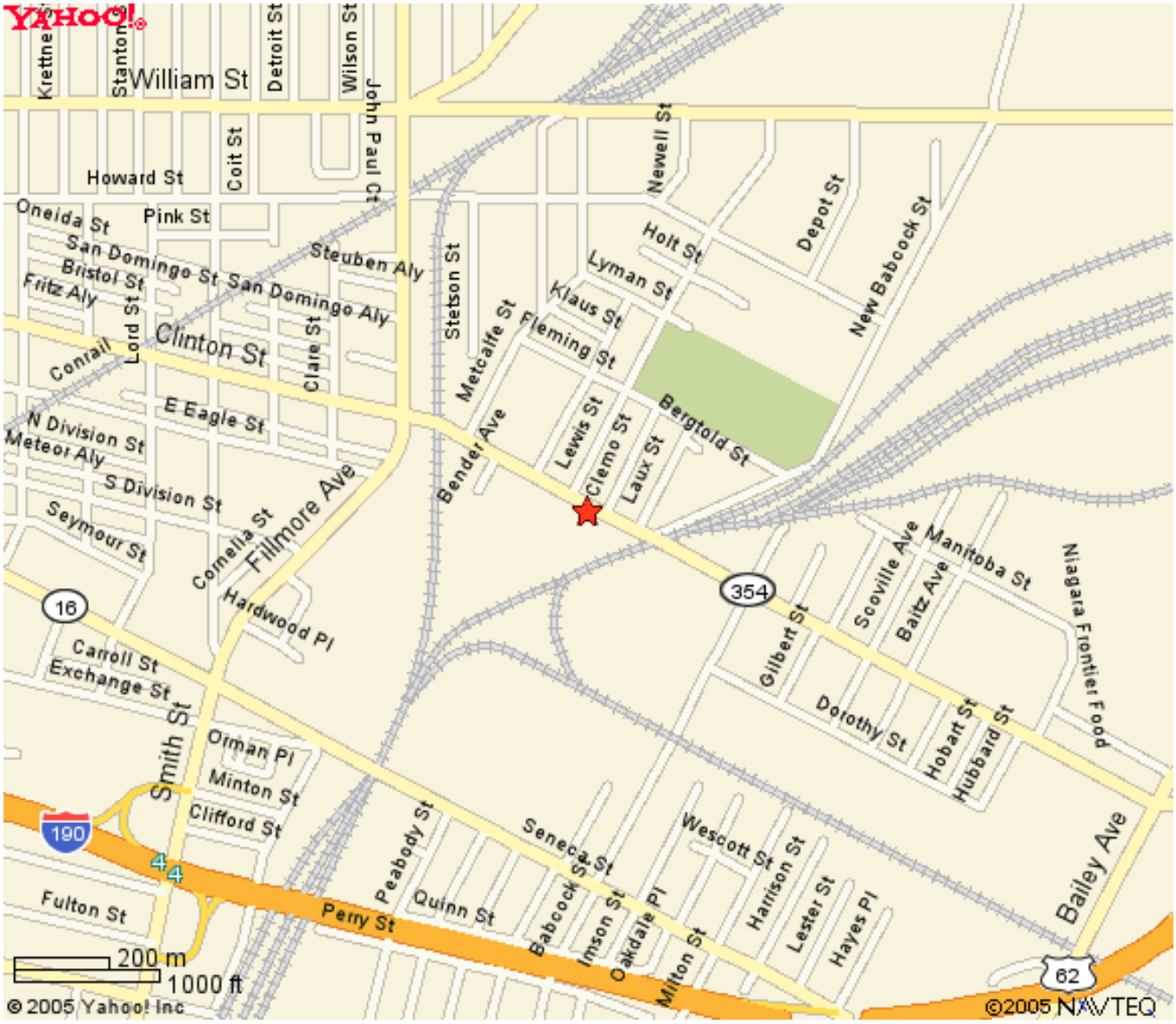
Several attempts were made by the NYSDEC to have the respondent repair the treatment system and place it back in operation. All attempts by the NYSDEC to have the respondent and/or current owner of record place the system back in operation have not been successful. The respondent and current owner of record have both failed to respond to DER requests and inquiries.

1.5 REPORT ORGANIZATION

The report is organized into eight sections and ten appendices:

- Section 1 includes the introduction and project background;
- Section 2 describes the scope of the site investigation;
- Section 3 presents a summary of the site investigation results;
- Section 4 presents conclusions of the site investigation.

Appendices A and B contain field data logs and lab data, respectively.

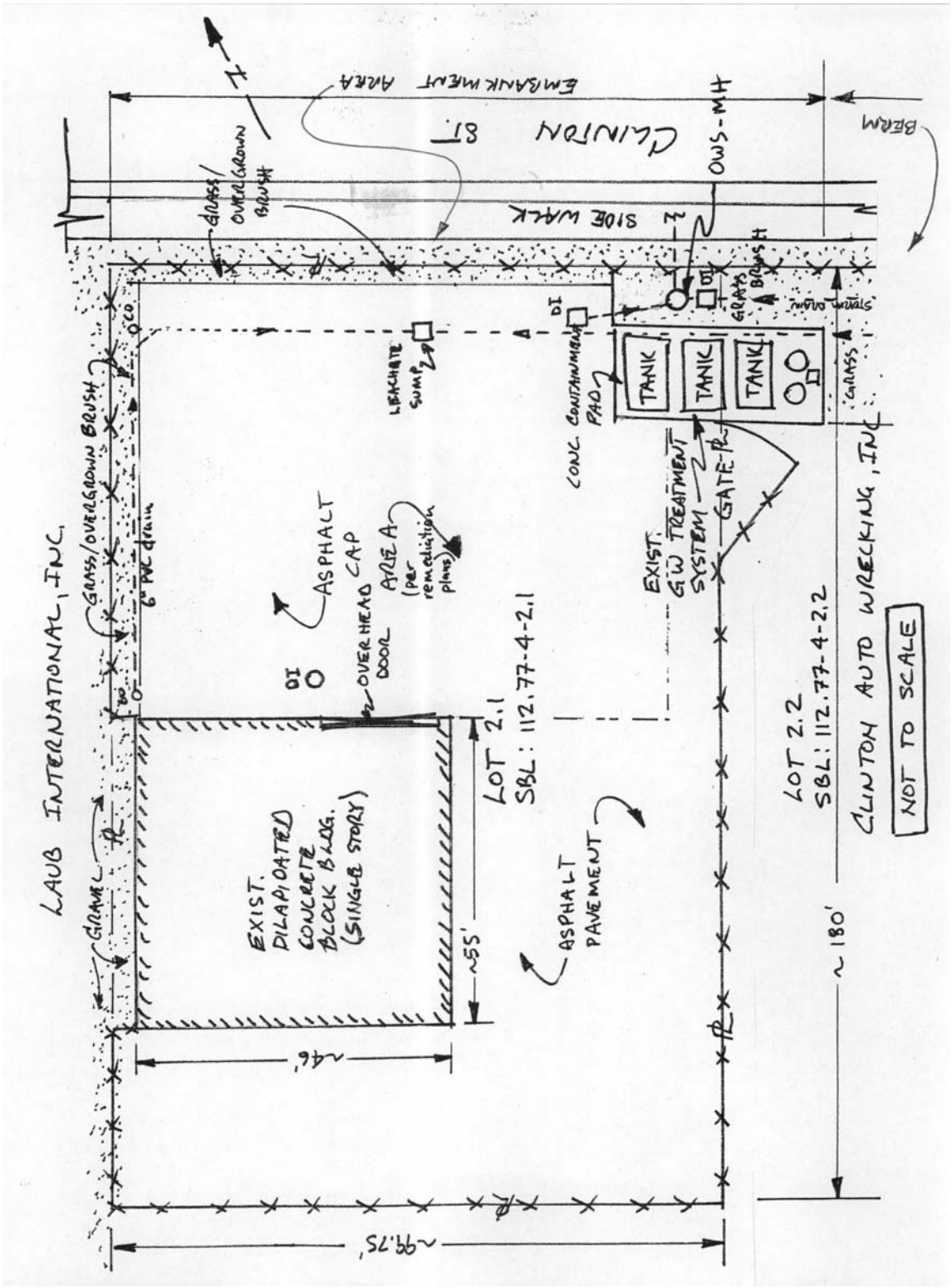


Site Location Plan **Figure 1**

Bengart and Memel Site
NYSDEC Site No. 915115
1079-1091 Clinton St.
Buffalo (C), Erie Co. NY

Site Plan **Figure 2**

Bengart and Memel Site
NYSDEC Site No. 915115
1079-1091 Clinton St.
Buffalo (C), Erie Co. NY



Detailed Site Plan **Figure 3**

Bengart and Memel Site
NYSDEC Site No. 915115
1079-1091 Clinton St.
Buffalo (C), Erie Co. NY

SECTION 2
SCOPE OF INVESTIGATION

2.1 SUBSURFACE SOIL INVESTIGATION

To assess residual PCBs in the site soils as well as other Target Compound List (TCL) compounds and hazardous waste characteristics, approximately 19 soil borings were advanced inside the site fence limits using direct push boring equipment (Geoprobe) to obtain soil samples of fill and native soils (approximately 4 to 8 feet). The boreholes were spaced to provide representative coverage across the parcel and below the building (see Figure 4). Soil cores were retrieved and examined by NYSDEC DER employees. Visual and/or olfactory evidence of contamination was also screened and recorded. Soil sampling and logging was performed in accordance with NYSDEC investigation Standard Operating Procedures (SOPs). Soil samples were collected at the discrete zone consisting of fill. The native soil zone consists of a dense clay layer. Due to previous investigation results showing little to no contamination in the native soil, and lack of visual indication of contamination, the native soil zone was not sampled or characterized for PCB contamination.

To assess PCB contamination in and below a dilapidated structure on the parcel that was historically used for drum storage containing PCB contaminated fluids, four additional borings were advanced inside the existing building on the site using tripod soil sampling arrangement (see Figure 4). The concrete floor of the building was core drilled to simplify sampling of subsurface soils. Subsurface samples below the structure building slab were subsequently collected. Additionally four wipe samples of the concrete flooring were also collected to assess the presence of PCB contamination in the building slab (see Figure 4). Wipe sampling were performed in accordance with the EPA protocols established for assessing surface contamination.

2.2 GROUNDWATER EVALUATION

To assess groundwater residual levels at the site, two of the borings that revealed the potential to yield groundwater were converted to one-inch diameter micro monitoring wellpoints (see Figure 4). Wellpoints were installed at borings B-5 and B-19. Following the installation of the wellpoints, the wellpoints were developed using appropriate well development methods. The wellpoint installation and well development were performed in accordance with NYSDEC SOPs. Groundwater recovery following purging was slow, and it was difficult to collect the required volume of water for chemical analysis.

Following the construction of the wellpoints, groundwater was allowed to stabilize in the wellpoints. Before purging the wellpoints for groundwater sampling, the depth to ground water was measured. At the time of measurement in May 2006, the static groundwater elevation at each wellpoint was shallow. Approximate depths for groundwater were 0.8 feet below ground surface (BGS) at MW B-19 and 1.4 ft. BGS at MW B-5. The groundwater is likely perched water laying in the fill above the native dense clay layer. With groundwater this shallow at the site, the groundwater levels would be above grade level along the low embankment at the northern perimeter adjacent to Clinton Street. No noticeable seeps along the embankment at the edge of the capped fill area were observed.

2.3 SURFICIAL INVESTIGATION

Surficial soil and water samples were collected to assess the presence of PCBs in surface soils near the perimeter of the site along Clinton Street and adjoining property to the west, and PCB levels in the accessible groundwater collection and treatment system components. Soil and sediment samples were initially collected from 11 sample locations at the site. Surface water samples were collected at three locations at the site. Surficial sampling locations are indicated on Figure 4.

In response to elevated PCB levels in surficial sample in the initial round of surficial sampling and analysis, an additional round of surficial soil samples were collected at six additional locations at the site to further delineate surficial soil contamination. Following the receipt of the second round of sampling, eight additional surficial sample locations on adjoining properties were sampled. These samples were located to the north of the site (Laub International warehouse) and to the south or the site (Clinton Auto Wrecking). These surficial sampling locations are also indicated on Figure 4.

2.4 ANALYTICAL PROGRAM

Fill and soil samples from each borehole were collected for analysis of TCL PCBs only (EPA Method 8082). Depending on volatile organic vapor screening results, samples exhibiting elevated volatile organic compound (VOC) headspace sampling results and/or odors were analyzed for TCL VOCs (EPA Method 8260) and/or TCL SVOCs (EPA Method 8270). Soil samples were composited by area (see Figure 3) into two composite samples and analyzed for the following:

- TCL Semi-volatile organic compounds (SVOCs) (EPA Method 8270),
- Total RCRA metals (EPA 6000/7000 Method Series),
- Toxic Characteristic Leaching Procedure (TCLP) metals (EPA Method 1311 and 6000/7000 Method Series),
- Corrosivity (EPA Method 9045), and
- Flashpoint (EPA Method 1010).

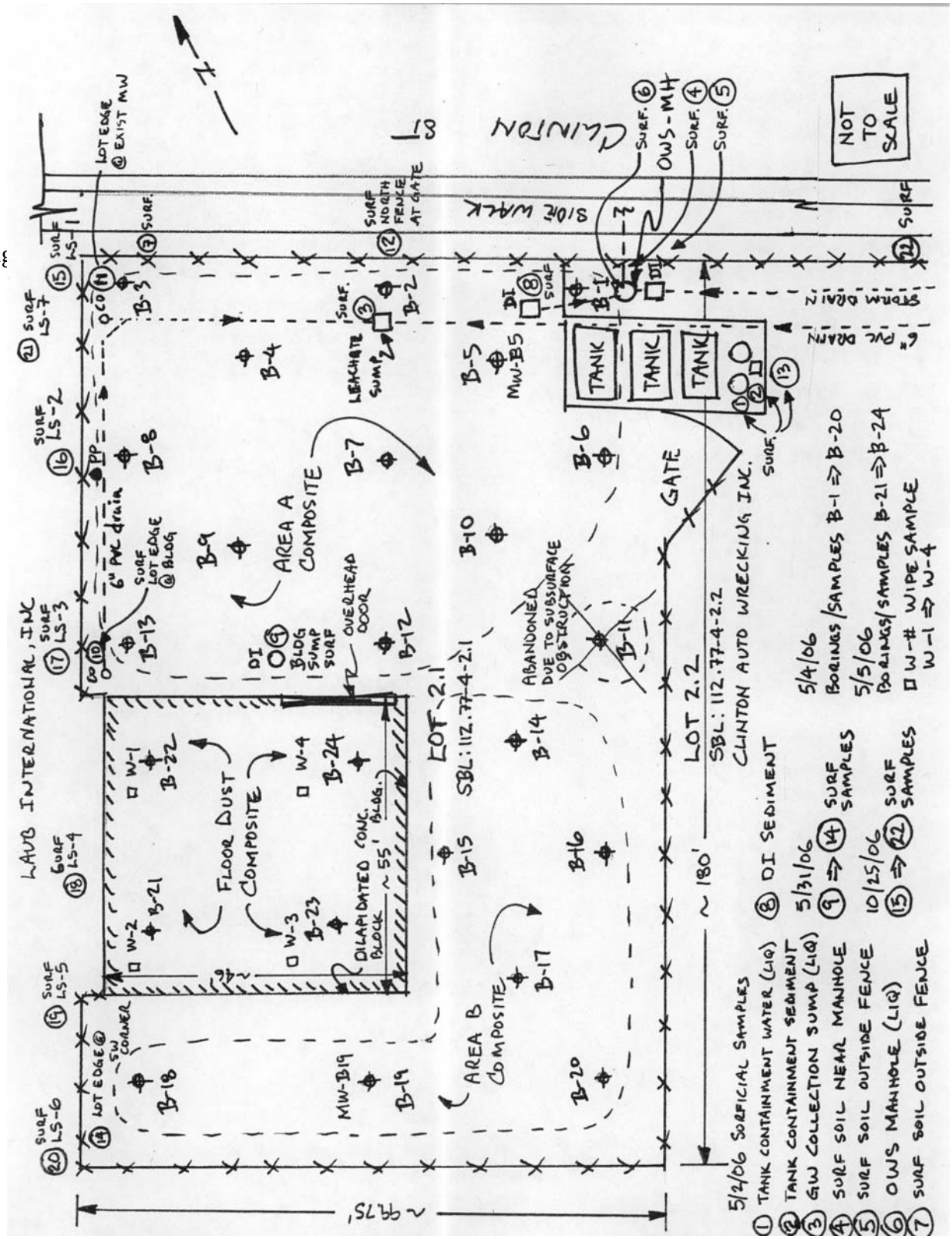
Soil samples collected for chemical analysis were collected in accordance with NYSDEC SOPs.

Borehole cuttings were used for sampling. Because of the limited amount of soil cuttings that were obtained, nominal surplus soils were generated. The surplus soils were placed onto a tarp and stored inside the building for storage for subsequent appropriate disposition.

Groundwater samples from developed wellpoints were collected and analyzed for TCL VOCs (EPA Method 8260), TCL SVOCs (EPA Method 8270), TCL Metals (EPA Method 6000/7000 series) and TCL PCB's (EPA Method 8082) on unfiltered samples only. The well points did not produce sufficient quantity of water needed for filtered samples. Water collected from the wells was relatively free of turbidity, precluding the need for filtering of the samples.

Purgewater from well development and sampling was placed in a 5 gallon bucket with lid. The buckets was placed in the onsite building for subsequent appropriate disposition.

Fig



Site Investigation Plan **Figure 4**

Bengart and Memel Site
NYSDEC Site No. 915115
1079-1091 Clinton St.
Buffalo (C), Erie Co. NY

SECTION 3
INVESTIGATION RESULTS

3.1 SUBSURFACE SOIL INVESTIGATION

The results of the subsurface soil investigation are as followed. The area subject to the subsurface investigation consisted mainly of advancing 18 borings (B-2 thru B-18) in paved areas within Lot 2.1, one boring in an unpaved area adjacent to the treatment system containment pad (B-1), and four borings inside the dilapidated structure (B-21 thru B-24). The boring locations are indicated on Figure 4. Sample results in excess of recommended soil cleanup objectives and hazardous waste levels for PCBs are identified on Figure 5. Respective boring logs are contained in Appendix A.

3.1.1 Asphalt Cap Area and Balance of Asphalt Paved Areas

The lithology of the paved areas generally consist of an asphalt layer of varying thickness, a gravel base of varying thickness, fill consisting of various native and fill materials of varying thickness, and finally native soil consisting of a dense, firm brown clay. The borings were generally advanced to the native soil horizon. The asphalt varied by area with two distinct areas. The area generally between the dilapidated building and Clinton St. exhibited a thicker section consisting of a topcourse and base course. This area was, based upon a review of the site records, was subject to the PCB remediation efforts. The remediation measure included asphalt capping as part of the Consent Order agreement. This area is here referred to as the asphalt capped area. The field measured thickness of this material did not conform to the proposed asphalt cap presented in the remediation drawings as part of the Consent Order remediation. The asphalt cap was not as thick as specified in the approved remediation plans. The balance of the paved area not subject to the cleanup action consisted mainly of a binder course and was not as thick as the asphalt capped area of the lot.

3.1.2 Gras Area Adjacent to the Groundwater Treatment System

Boring B-1 was advance in a grassy area adjacent to the Groundwater Treatment System and Asphalt Cap Area. The boring profile included a topsoil layer followed by fill layer consisting of slag over the native stiff, brown clay. The fill extended to 2 feet below the surface. Fill materials from this boring was sampled for PCB analysis. The fill sample from B-1 exceeds the TAGM 4046 total PCB subsurface cleanup level of 10,000 ppb (12,000 ppb for total PCB's). PCB results are presented in Table 1. The sampling location with the elevated level of PCBs is indicated on Figure 5.

3.1.3 Asphalt Cap Area Subsurface Soil

The fill in the respective asphalt areas varied in thickness, material and contamination based upon visual, olfactory and field measurement of volatile organic vapors. The fill in the asphalt cap area (B-2 thru B-13) varied considerably and consisted of varying amounts of imported granular fill, concrete and brick rubble, slag, foundry sand (probable), glass and wood debris. Much of this material exhibited dark, black staining and odors associated with undefined volatile and semi-volatile organic substances. The depth of fill generally varied from two to three feet below ground surface. Several borings exhibited fill up to five feet in depth below ground surface.

Fill materials from each boring were sampled for PCB analysis. Fill samples from B-4, B-5, B-6, B-9, and B-10 exceed the TAGM 4046 total PCB subsurface cleanup level of 10,000 ppb (11,000 to 37,200 ppb for total PCB's). Fill samples from B-7, and B-9 exceed the total PCB hazardous waste characteristic level of 50,000 ppb (70,600 and 69,000 ppb respectively). PCB results are presented in Table 1. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.

Additional samples from the asphalt cap area were collected for VOC analysis. Samples were collected from B-6 and B-13 because of odors and headspace readings. None of the soil fill samples from this area exhibited VOC values above TAGM 4046. VOC results are presented in Table 2.

A composite soil sample from the asphalt cap area (Composite Sample A) was collected and analyzed for SVOCS, Metals and Hazardous Waste Characteristics. The composite sample exceeded SVOC TAGM 4046 levels for benzo(a)anthracene(4,600 ppb), benzo(a)pyrene (3,900 ppb), benzo(k)flouranthene (1,600 ppb) and chrysene (4100 ppb). The composite sample also exceeded total metal TAGM 4046 for arsenic (8.6ppm) , cadmium(3.4 ppm), chromium (26 ppm), and mercury (1.3 ppm). The composite sample did not exceed hazardous waste characteristics for TCLP metals, pH, and flashpoint. Results for SVOCs are presented in Table 3, and metal and hazardous characteristic results are presented in Table 4.

3.1.5 Asphalt Cap Area Groundwater

Boring B-5 was the only boring in the asphalt cap area that appeared to contain any appreciable amount of water in the boring. Boring B-5 was converted to a one-inch diameter micro-monitoring well. See Appendix B for the monitoring well construction log. Groundwater from wellpoint B-5 was sampled and analyzed for PCBs, and VOCs. The results for PCBs reveal the total PCB level (28 ppb) is above groundwater standards for total PCBs. PCB results for groundwater are presented in Table 5. The results for VOCs reveal 1,3-dichlorobenzene and 1,4-dichlorobenzene are slightly above groundwater standards for these compounds. VOC results are presented in Table 6.

3.1.5 Balance of Asphalt Paved Area Subsurface Soil

The fill in the balance of asphalt paved area (B-14 thru B-20) varied and consisted of varying amounts of concrete and brick rubble, slag, foundry sand (probable), glass and wood debris. Much of this material exhibited dark, black staining and some with odors associated with undefined volatile and semi-volatile organic substances. The depth of fill generally varied from two to three feet below ground surface. Several borings exhibited fill up to five feet in depth below ground surface.

Fill materials from each boring were sampled for PCB analysis. Fill samples from B-18 and B-19 exceed the total PCB TAGM 4046 subsurface cleanup level of 10,000 ppb (26,900 and 19,000 ppb for total PCB's, respectively). Fill sample from B-16 exceeded the total PCB hazardous waste characteristic level of 50,000 ppb (52,000 ppb). PCB results are presented in Table 1. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.

Additional samples from the asphalt cap area were collected for VOC analysis. Samples were collected from B-14, B-17 and B-19 because of odors and elevated VOC headspace readings.

Fill from B-19 was saturated with water/liquid and exhibited strong VOC/SVOC odors. The liquid contained a visible sheen. Fill soil sample from this area exhibited values above TAGM 4046. B-14 just exceeded the TAGM level for acetone (likely lab contaminant). B-19 exceeded TAGM 4046 levels for 1,2,4-trichlorobenzene (18,000 ppb), 1,3-dichlorobenzene (25,000 ppb), 1,4-dichlorobenzene (110,000 ppb), benzene (200 ppb), carbon tetrachloride (26,000 ppb) and total VOCs (182,890 ppb). VOC results are presented in Table 2.

A composite soil sample from the balance of the asphalt paved area (Composite Sample B) was collected and analyzed for SVOCS, Metals and Hazardous Waste Characteristics. The composite sample exceeded SVOC TAGM 4046 levels for benzo(a)anthracene (4,900 ppm), benzo(a)pyrene (4,200 ppm), benzo(k)flouranthene (1,600 ppm), chrysene (4100 ppb), and dibenzo(a,h)anthracene (890 ppb). The composite sample also exceeded total metal TAGM 4046 for arsenic (41.6 ppm), barium (388 ppm), cadmium (6.9 ppm), chromium (1090 ppm), lead (1,200 ppm), mercury (1.3 ppm), and selenium (13.2 ppm). The composite sample did not exceed hazardous waste characteristics for TCLP metals, pH, and flashpoint. Results for SVOCs are presented in Table 3, and metal and hazardous characteristic results are presented in Table 4.

3.1.6 Balance of Asphalt Paved Area Groundwater

Boring B-19 was the only boring in the balance of asphalt paved area that appeared to contain any appreciable amount of water in the boring. Boring B-19 was converted to a one-inch diameter micro-monitoring well. See Appendix A for the monitoring well construction log. Development of the wellpoint B-19 yielded a considerable amount of probable non aqueous phase liquid (NAPL) due to its color, viscosity and odor. Groundwater from wellpoint B-19 was sampled and analyzed for PCB's, VOCs, SVOCs, and metals. The results reveal the total PCB level (130 ppb total) is above the groundwater standard for total PCBs. The SVOC results only reveal napthalene (130 ppb) above the groundwater standard. PCB and SVOC results for groundwater are presented in Table 5. The results for VOCs reveal 1,4-dichlorobenzene, benzene and chlorobenzene are slightly above groundwater standards for these compounds. The metal results did not reveal any parameters above groundwater standards. VOC and metal results are presented in Table 6. The VOC and SVOC results appear to be lower than expected given the amount of probable NAPL that was purged from the wellpoint during well development.

3.1.7 Building Area

The subsurface area of the building was characterized by advancing borings B-21 thru B-24. The lithology of the building area generally consists of a six-inch reinforced concrete floor slab, a subbase of varying thickness consisting of slag and cinder, and finally native soil consisting of a dense, firm brown clay. The borings were generally advanced to the native soil horizon. The depth of fill in this area generally varied from two to three feet below ground surface. Based upon the review of the remediation documentation, no PCB remediation efforts were implemented for this area as part of the Consent Order agreement..

The fill below the building floor area was similar in thickness and composition. The fill material exhibited contamination based upon visual, olfactory and field measurement of volatile organic vapors. Much of this material exhibited dark, black staining and odors associated with undefined volatile or semi-volatile organic substances. Fill materials from each boring were sampled for PCB analysis. Fill samples from B-21 exceeded the total PCB hazardous waste

characteristic level of 50,000 ppb (334,000 ppb). PCB results are presented in Table 1. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.

Additional samples were collected for VOC analysis from B-21, B-22, and B-23 because of odors and headspace readings. None of the soil fill samples from this area exhibited VOC values above TAGM 4046. VOC results are presented in Table 2. An additional fill soil sample from B-22 was collected for SVOC and metals analysis, and hazardous waste characterization. The sample results exceeded SVOC TAGM 4046 levels for benzo(a)anthracene(2,100 ppb), benzo(a)pyrene (1,700 ppb), benzo(b)flouranthene (2,700 ppb), benzo(k)flouranthene (2,700 ppb), chrysene (1,900 ppb), and dibenzo(a,h)anthracene (360 ppm). Results for SVOCs are presented in Table 3. The sample only exceeded hazardous waste characteristics for one of TCLP metals (barium at 830 ppm). However, this value is estimated and it appears anomalous to the sample in that this element was below detection limit for the total element. The metal and hazardous characteristic results are presented in Table 4.

3.2 SURFACE INVESTIGATION

Surface soil, sediment and water samples were collected from a total of 22 sampling points. An initial round of eight sampling points were sampled. Because of some elevated PCB levels found in an initial round of surface and sediment sampling, additional surface samples were collected from Lot 2.1. An additional sample consisting of a composite from floor dust inside the building was collected during this effort. Wipe samples were also collected from the concrete floor in the dilapidated building to assess the presence of PCBs in the floor surface. Following the receipt of the additional surface sampling results, eight additional surface sample points were sampled at offsite locations adjacent to Lot 2.1. Refer to Figure 4 for sampling locations.

3.2.1 Surface Soil and Sediments

The results from surface and sediment sample locations at the asphalt cap area drop inlet (8), outside fence at the northeast section of the lot (5), outside fence at the northwest section of the site (7), near the oil water separator manhole (4), tank containment pad sediment (2), lot edge at southwest corner (14), north fence gate (12), soil east of the tank containment pad (13 and 22), and Laub property (15 and 20) reveal PCB levels at and above TAGM 4046 surface cleanup level of 1000 ppb (1,000 to 37,000 ppb). The results from surface and sediment samples from the building floor dust composite, building sump (9), lot edge at building (10), and lot edge at monitoring well (11) exceeded the total PCB hazardous waste characteristic level of 50,000 ppb (334,000 ppb, 91,000 ppb, 74,000 ppb, and 94,000 ppb, respectively). PCB results are presented in Table 1. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.

Metals analysis for a surface sample at the north fence gate (12) reveal some elevated levels for several metal parameters. These results are consistent with past use of the site. The metals results are presented in Table 4.

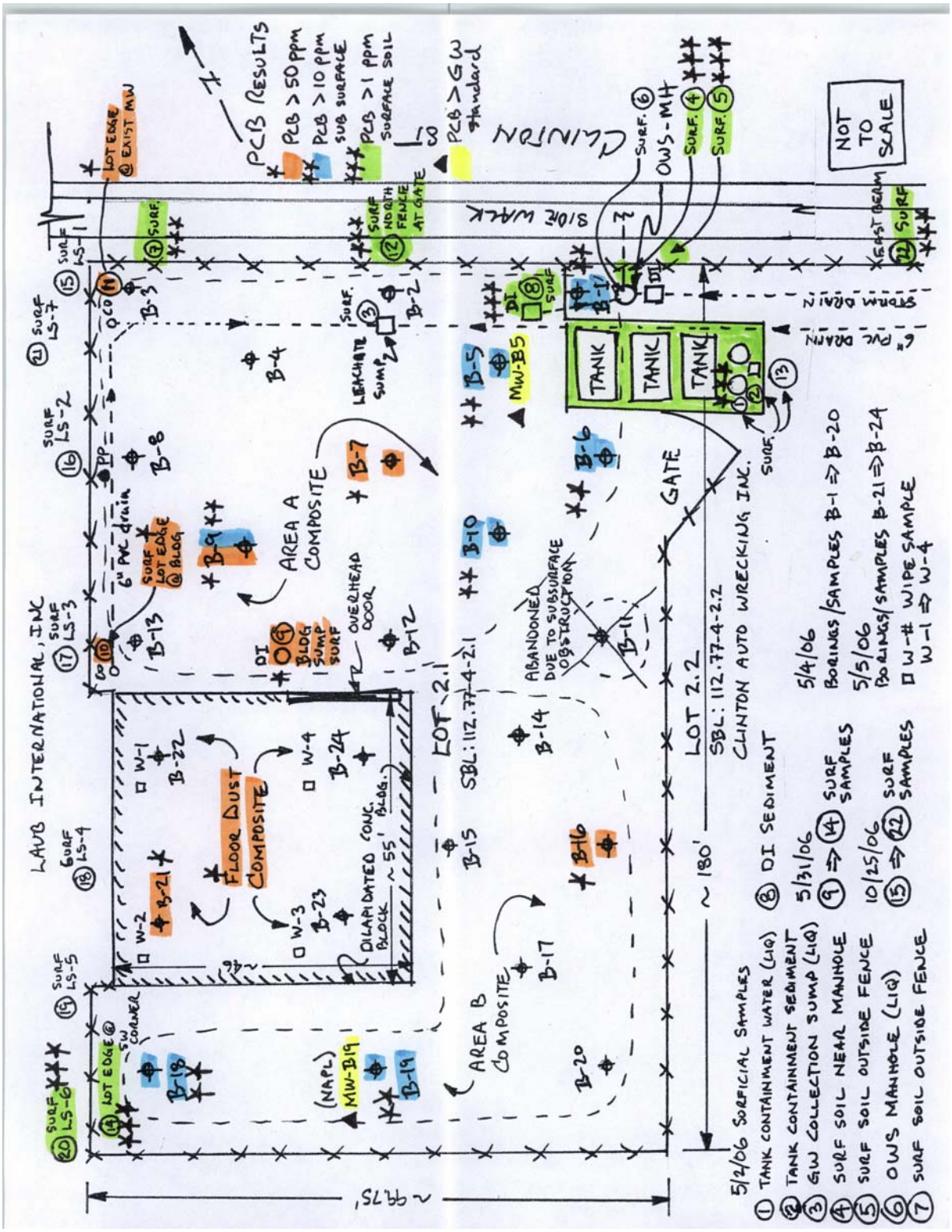
3.2.2 Building Concrete Floor Surface

Four wipe samples of the concrete floor surface inside the dilapidated building were collected to assess potential PCB contamination of the floor surface (see Figure 4). This was accomplished by taking a cotton swab soaked with a solvent and wiping a 100 cm. sq. surface area.

All four samples reveal PCB contamination of the concrete surface. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.

3.2.3 Surface Waters

Surface water samples were collected from three sample location points including the inactive groundwater collection system sump (3), the oil water separator manhole(6) and the treatment system containment pad (1) and analyzed for PCBs. See Figure 4 for sample locations. The results for PCBs reveal the total PCB levels (82 ppb, 18.2 ppb, and 0.38 ppb, respectively) are above all groundwater and surface water standards for total PCBs (0.09 ppb). PCB results for water samples are presented in Table 5. The sampling locations with the elevated levels of PCBs are indicated on Figure 5.



PCB Results Plan **Figure 5**

Bengart and Memel Site
NYSDEC Site No. 915115
1079-1091 Clinton St.
Buffalo (C), Erie Co. NY

SECTION 4
CONCLUSIONS

Based upon the results of the limited site investigation of former B&M lot 2.1, there is widespread PCB contamination of surface and subsurface soil/fill materials that are above TAGM 4046 surface and subsurface standards for soil and sediment. Refer to Figure 5 for an overview of sampling locations with the elevated levels of PCBs. Water collected at various points also indicated PCB contamination of groundwater and potential surface water discharges above applicable groundwater and surface water standards. Additionally, there are PCB levels in surface soils, sediments and subsurface soil/fill that render the material as characteristically hazardous waste. Refer to Figure 5 for an overview of sampling locations with the elevated levels of PCBs.

The elevated levels of PCBs at the site is a cause of concern for both groundwater and surface exposure and migration. The existing groundwater collection system at the site that is required to capture PCB contaminated groundwater is not functional. Given the shallow groundwater levels at the site, and elevated grade, contaminated groundwater could potentially seep to the surface during prolonged damp periods and migrate offsite.

The elevated levels of PCBs at site surface areas are another cause for concern exposure and migration. There are either elevated levels above the surface standard and above the hazardous waste threshold in several areas around the lot, near the property boundaries, and areas outside fenced limits that are accessible to the general public. The western perimeter inside the fence limits are both above surface cleanup levels and hazardous waste levels. Sampling of surface soil beyond the Lot 2.1 on adjoining properties including the Laub property, the right-of-way area along the Clinton Street sidewalk, and on the Clinton Auto Wrecking property reveal limited PCBs at the. This represents a significant human health hazard to adjoining property owners due to potential dermal contact and respiratory inhalation of PCB laden dust. Surface samples collected outside the fence lot limits along the Clinton Street pedestrian sidewalk are above surface cleanup levels. This represents a significant human health hazard to the general due to potential dermal contact. Inside the site, there are PCB levels above surface cleanup levels and above hazardous waste levels that represent another human health and environment exposure. The surface material are exposed and uncontrolled and can migrate along the surface from wind and water erosion.

There are elevated levels of PCBs in subsurface horizons that are either above subsurface cleanup levels or above hazardous waste levels in both the remediated and non-remediated areas. Because there are no deed restrictions for the lot, there is no legal mechanism that would preclude disturbance, exposure and safe handling of PCB contaminated material at this site. The proximity of these elevated levels near property boundary formerly owned by B&M (now owned and operated by Clinton Auto Wrecking, a car dismantling operation) suggests that there may potentially be PCB contamination in areas formerly implied as free of PCB contamination. This may have been an assumption that was used by the Consent Order respondent to subdivide the former B&M property and sell off the portion of the site presumed to be absent of PCB contamination.

TABLES

Table 1
Analytical Results - PCBs in Soil
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup	B-1	B-2	B-3	B-4	B-5	B-5	B-6	B-7
Depth	Objective	16" - 24"	21" - 27"	31" - 35"	18" - 24"	32" - 37"	48" - 56"	28" - 38"	32" - 37"
Collection Date	(ug/kg)	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1248		BDL	390	BDL	2200	BDL	BDL	1700	5600
Aroclor 1254		BDL	2500	BDL	14000	BDL	BDL	6600	BDL
Aroclor 1260	Surf/Sub-Surf	12000	1500	3700	21000	41000	30000	9200	65000
Total PCBs	1000/10000	12000 (2)	4390	3700	37200 (2)	41000 (2)	30000 (2)	17500 (2)	70600 (3)

Analyte	Cleanup	B-8	B-9	B-9	B-10	B-12	B-13	B-14	B-15
Depth	Objective	52" - 57"	5"-9"	23"-28"	24" - 48"	24" - 29"	41" - 48"	35" - 39"	9" - 39"
Collection Date	(ug/kg)	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1248		440	BDL	4600	BDL	25	32	BDL	100
Aroclor 1254		BDL	34000	16000	BDL	130	BDL	4800	BDL
Aroclor 1260	Surf/Sub-Surf	3200	25000	7100	11000	340	180	3000	330
Total PCBs	1000/10000	3640	69000 (3)	27700 (2)	11000 (2)	495	212	7800	430

Analyte	Cleanup	B-16	B-17	B-18	B-19	B-20	B-21	B-23	B-24
Depth	Objective	32" - 37"	30" - 38"	5" - 23"	8" - 40"	8" - 35"	6" - 24"	24" -48"	6" - 48"
Collection Date	(ug/kg)	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/5/2006	5/5/2006	5/5/2006	5/5/2006
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1248		BDL	280	9900	BDL	16 J	BDL	BDL	BDL
Aroclor 1254		27000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1260	Surf/Sub-Surf	25000	1600	17000	19000	BDL	230000	2200	270
Total PCBs	1000/10000	52000 (3)	1880	26900 (2)	19000 (2)	16	230000 (3)	2200	270

Analyte		Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl
	Cleanup	DI (8)	Fence (5)	Fill Near	Soil Near	Tank Cont.	Floor	Bldg	Lot Edge
Depth	Objective	Sediment		Fence (7)	MH (4)	Sediment (2)	Dust	Sump (9)	at Bldg (10)
Collection Date	(ug/kg)	5/4/2006	5/2/2006	5/2/2006	5/2/2006	5/2/2006	5/5/2006	5/31/2006	5/31/2006
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1248		3600	1700 J	BDL	BDL	BDL	54000	BDL	BDL
Aroclor 1254		9600	BDL	BDL	BDL	BDL	190000	46000	38000
Aroclor 1260	Surf/Sub-Surf	19000	15000	32000	7400	14000	100000	45000	36000
Total PCBs	1000/10000	32200 (1)	16700 (1)	32000 (1)	7400 (1)	14000 (1)	334000 (3)	91000 (3)	74000 (3)

Analyte		Surf Smpl	Surf Smpl	Surf Smpl	Surf Smpl
	Cleanup	Lot Edge	Lot Edge	North Fence	Soil East of
Depth	Objective	at MW (11)	SW Crnr (14)	at Gate (12)	Contain (13)
Collection Date	(ug/kg)	5/31/2006	5/31/2006	5/31/2006	5/31/2006
PCBs (ug/kg) soil					
Aroclor 1016		BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL
Aroclor 1248		DBL	BDL	BDL	BDL
Aroclor 1254		BDL	21000	3700	5200
Aroclor 1260	Surf/Sub-Surf	94000	16000	12000	11000
Total PCBs	1000/10000	94000 (3)	37000 (1)	15700 (1)	16200 (1)

Notes

1) Exceeds Surface Cleanup Objectives of 1000 ppb (TAGM 4046)
2) Exeeeds Sub-Surface Cleanup Objectives of 10,000 ppb (TAGM 4046)
3) Exceeds Listed Hazardous Waste Limit of 50,000 ppb

Data Qualifiers: J - Estimated; D - Secondary Dilution; DE - Secondary Dilution, Exceeded Calibration Range; DJ - Secondary Dilution, Estimated
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 1 Cont'd.
Analytical Results - PCBs in Offsite Soil
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	**Cleanup**	**LS-1 (15)**	**LS-1 (15)**	**LS-2 (16)**	**LS-2 (16)**	**LS-3 (17)**	**LS-3 (17)**	**LS-4 (18)**	**LS-5 (19)**
Depth	**Objective**	2" - 4"	6" - 8"	2" - 4"	12" - 14"	0" - 4"	6" - 8"	10" - 12"	10" - 12"
Collection Date	**(ug/kg)**	10/25/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aroclor 1248		BDL	BDL	BDL	BDL	BDL	BDL	5600	BDL
Aroclor 1254		BDL	BDL	BDL	BDL	BDL	BDL	BDL	250
Aroclor 1260	Surf/Sub-Surf	1000	63	540	220	620	440	160	320
Total PCBs	1000/10000	1000	63	540	220	620	440	160	570
Analyte	**Cleanup**	**LS-6 (20)**	**LS-6 (20)**	**LS-7 (21)**	**LS-7 (21)**	**East Berm**			
Depth	**Objective**	0" - 2"	8" - 10"	0" - 2"	7" - 9"	surface **(22)**			
Collection Date	**(ug/kg)**	10/25/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006			
PCBs (ug/kg) soil									
Aroclor 1016		BDL	BDL	BDL	BDL	BDL			
Aroclor 1221		BDL	BDL	BDL	BDL	BDL			
Aroclor 1232		BDL	BDL	BDL	BDL	BDL			
Aroclor 1242		BDL	BDL	BDL	BDL	BDL			
Aroclor 1248		BDL	BDL	BDL	BDL	BDL			
Aroclor 1254		340	BDL	BDL	BDL	BDL			
Aroclor 1260	Surf/Sub-Surf	490	1400	490	120	3900			
Total PCBs	1000/10000	830	1400 (1)	490	120	3900 (1)			

Notes

1) Exceeds Surface Cleanup Objectives of 1000 ppb (TAGM 4046)
2) Exeeeds Sub-Surface Cleanup Objectives of 10,000 ppb (TAGM 4046)
3) Exceeds Listed Hazardous Waste Limit of 50,000 ppb

Data Qualifiers: J - Estimated; D - Secondary Dilution; DE - Secondary Dilution, Exceeded Calibration Range; DJ - Secondary Dilution, Estimated
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 2
Analytical Results - VOCs in Soil
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup	B-6	B-13	B-14	B-17	B-19	B-19
Depth	Objective	28" - 38"	5" - 43"	4" - 39"	38" - 46"	8" - 36"	replicate
Collection Date	(ug/kg)	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006	5/4/2006
VOCs (ug/kg)							
1,1,1-Trichloroethane	800	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	600	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloro-1,2,2-trifluoroethane	6000	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	200	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	400	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	3400	2J	5 J	BDL	BDL	BDL	18000 D
1,2-Dibromo-3-chloropropane	NV	BDL	BDL	BDL	BDL	BDL	1000 D
1,2-Dibromoethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	7900	BDL	BDL	BDL	BDL	BDL	2500 D
1,2-Dichloroethane	100	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethene (cis)	NV	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethene (Total)	300	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethene (trans)	300	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	400	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	1600	BDL	BDL	BDL	BDL	BDL	25000 D
1,3-Dichloropropene (cis)	NV	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropene (trans)	NV	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8500	BDL	4 J	BDL	BDL	BDL	110000 DE
2-Butanone	300	11 J	BDL	44	BDL	32	BDL
2-Hexanone	NV	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone	100	BDL	BDL	BDL	BDL	BDL	BDL
Acetone	200	75	40	220	26 J	170	BDL
Benzene	60	BDL	BDL	BDL	BDL	10	200 DJ
Bromodichloromethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	NV	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Disulfide	2700	2 J	BDL	3 J	3 J	BDL	BDL
Carbon Tetrachloride	600	BDL	BDL	BDL	BDL	BDL	26000 D
Chlorobenzene	1700	BDL	BDL	BDL	BDL	490 E	BDL
Chloroethane	1900	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	300	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Cyclohexane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	5500	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NV	BDL	BDL	2 J	BDL	BDL	BDL
Methyl acetate	NV	BDL	BDL	BDL	BDL	BDL	BDL
Methylcyclohexane	NV	BDL	3 J	5 J	BDL	BDL	BDL
Methylene chloride	100	8 B	8 B	8 B	4 BJ	2 BJ	BDL
Methyl-t-Butyl Ether (MTBE)	NV	BDL	BDL	BDL	BDL	BDL	190 DJ
Styrene	NV	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	1400	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	1500	BDL	BDL	BDL	BDL	3 J	BDL
Trichloroethene	700	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NV	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl chloride	200	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes (Total)	1200	BDL	BDL	5 J	BDL	BDL	BDL
Total VOCs	10000	98	60	287	33	707	182890

Notes
1) Exceeds Recommended Soil Cleanup Objective (TAGM 4046).
Data Qualifiers: J - Estimated; D - Secondary Dilution; DE - Secondary Dilution, Exceeded Calibration Range; DJ - Secondary Dilution, Estimated
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 2 Cont'd.
Analytical Results - VOCs in Soil
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup	B-21	B-22	B-23
Depth	Objective	24" - 48"	6" - 24"	6" - 24"
Collection Date	(ug/kg)	5/5/2006	5/5/2006	5/5/2006
VOCs (ug/kg)				
1,1,1-Trichloroethane	800	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	600	BDL	BDL	BDL
1,1,2-Trichloroethane	NV	BDL	BDL	BDL
1,1-Dichloroethane	200	BDL	BDL	BDL
1,1-Dichloroethene	400	BDL	BDL	BDL
1,2-Dichloroethane	100	BDL	BDL	BDL
1,2-Dichloroethene (Total)	300	6 J	BDL	BDL
1,2-Dichloropropane	400	BDL	BDL	BDL
1,3-Dichloropropene (cis)	NV	BDL	BDL	BDL
1,3-Dichloropropene (trans)	NV	BDL	BDL	BDL
2-Butanone	300	20 J	BDL	BDL
2-Hexanone	NV	BDL	BDL	BDL
4-Methyl-2-pentanone	1000	BDL	BDL	BDL
Acetone	200	77	6 J	33 J
Benzene	60	BDL	BDL	BDL
Bromodichloromethane	NV	BDL	BDL	BDL
Bromoform	NV	BDL	BDL	BDL
Bromomethane	NV	BDL	BDL	BDL
Carbon Disulfide	2700	4 J	BDL	BDL
Carbon Tetrachloride	600	BDL	BDL	BDL
Chlorobenzene	1700	3 J	BDL	BDL
Chloroethane	1900	BDL	BDL	BDL
Chloroform	300	BDL	BDL	BDL
Chloromethane	NV	BDL	BDL	BDL
Dibromochloromethane	NV	BDL	BDL	BDL
Ethylbenzene	5500	2 J	BDL	BDL
Methylene chloride	100	3 BJ	2 BJ	4 BJ
Styrene	NV	BDL	BDL	BDL
Tetrachloroethene	1400	11	BDL	BDL
Toluene	1500	3 J	BDL	BDL
Trichloroethene	700	3 J	BDL	BDL
Vinyl acetate	NV	BDL	BDL	BDL
Vinyl chloride	200	7 J	BDL	BDL
Xylenes (Total)	1200	11 J	BDL	BDL
Total VOCs	10000	150	8	37

Notes
1) Exceeds Recommended Soil Cleanup Objective (TAGM 4046).
Data Qualifiers: J - Estimated; D - Secondary Dilution; DJ - Secondary Dilution, Estimated
Data Qualifiers: DE - Secondary Dilution, Exceeded Calibration Range
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 3
Analytical Results - SVOCs in Soil
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup	B-22	COMP A	COMP B
Depth	Objective	24" - 48"	sub surf	sub surf
Collection Date	(ug.kg)	5/5/2006	5/4/2006	5/4/2006
SVOCs (ug/kg)				
2,2'-Oxybis(1-Chloropropane	NV	BDL	BDL	BDL
2,4,5-Trichlorophenol	NV	BDL	BDL	BDL
2,4,6-Trichlorophenol	NV	BDL	BDL	BDL
2,4-Dichlorophenol	400	BDL	BDL	BDL
2,4-Dimethylphenol	200	BDL	BDL	BDL
2,4-Dinitrophenol	NV	BDL	BDL	36000
2,4-Dinitrotoluene	1000	BDL	BDL	BDL
2,6-Dinitrotoluene	NV	BDL	BDL	BDL
2-Chloronaphthalene	NV	BDL	BDL	BDL
2-Chlorophenol	800	BDL	BDL	BDL
2-Methylnaphthalene	36400	BDL	BDL	820 J
2-Methylphenol	100	BDL	BDL	BDL
2-Nitroaniline	430	BDL	BDL	BDL
2-Nitrophenol	330	BDL	BDL	BDL
3,3'-Dichlorobenzidine	NV	BDL	BDL	BDL
3-Nitroaniline	500	BDL	BDL	BDL
4,6-Dinitro-2-methylphenol	NV	BDL	BDL	BDL
4-Bromophenyl phenyl ether	NV	BDL	BDL	BDL
4-Chloro-3-methylphenol	240	BDL	BDL	BDL
4-Chloroaniline	220	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	NV	BDL	BDL	BDL
4-Methylphenol	900	BDL	BDL	BDL
4-Nitroaniline	NV	BDL	BDL	BDL
4-Nitrophenol	100	BDL	BDL	BDL
Acenaphthene	50000	260 J	1200 J	1700 J
Acenaphthylene	41000	BDL	440 J	610 J
Acetophenone	NV	BDL	BDL	BDL
Anthracene	50000	830 J	2300 J	2800 J
Atrazine	NV	BDL	BDL	BDL
Benzaldehyde	NV	BDL	BDL	BDL
Benzo(a)anthracene	224	2100 J	4600 J	4900 J
Benzo(a)pyrene	61	1700 J	3900 J	4200 J
Benzo(b)fluoranthene	1100	2700 J	BDL	5100 J
Benzo(ghi)perylene	50000	1000 J	BDL	2800 J
Benzo(k)fluoranthene	1100	2700 J	1600 J	1600 J
Biphenyl	NV	BDL	BDL	BDL
Bis(2-chloroethoxy) methane	NV	BDL	BDL	BDL
Bis(2-chloroethyl) ether	NV	BDL	BDL	BDL
Bis(2-ethylhexyl) phthalate	NV	BDL	BDL	1200 J
Butyl benzyl phthalate	50000	BDL	BDL	BDL
Caprolactam	NV	BDL	BDL	BDL
Carbazole	NV	300 J	1300 J	970 J
Chrysene	400	1900 J	4100 J	4100 J
Dibenzo(a,h)anthracene	14	360 J	BDL	890 J
Dibenzofuran	6200	BDL	BDL	1500 J
Diethyl phthalate	7100	BDL	BDL	BDL
Dimethyl phthalate	2000	BDL	7200	BDL
Di-n-butyl phthalate	8100	BDL	BDL	BDL
Di-n-octyl phthalate	50000	BDL	BDL	BDL
Fluoranthene	50000	4200	10000	9900
Fluorene	50000	320 J	1500 J	2200 J
Hexachlorobenzene	410	BDL	BDL	BDL
Hexachlorobutadiene	NV	BDL	BDL	BDL
Hexachlorocyclopentadiene	NV	BDL	BDL	BDL
Hexachloroethane	NV	BDL	BDL	BDL
Indeno(1,2,3-cd)pyrene	3200	970 J	BDL	2500 J
Isophorone	4400	BDL	BDL	BDL
Naphthalene	13000	BDL	BDL	1800 J
Nitrobenzene	200	BDL	BDL	BDL
N-Nitroso-Di-n-propylamine	NV	BDL	BDL	BDL
N-nitrosodiphenylamine	NV	BDL	BDL	BDL
Pentachlorophenol	1000	BDL	BDL	BDL
Phenanthrene	50000	3100 J	10000	10000
Phenol	30	BDL	BDL	BDL
Pyrene	50000	BDL	8200	8000
Total	500000	17040	56340	120630

Notes
1) Exceeds Recommended Soil Cleanup Objective (TAGM 4046).
Data Qualifiers: J - Estimated; D - Secondary Dilution; DJ - Secondary Dilution, Estimated
Data Qualifiers: DE - Secondary Dilution, Exceeded Calibration Range
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 4
Analytical Results - Metals in Soil
Hazardous Waste Characteristics
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup	B-22	COMP A	COMP B
Depth	Objective	24" - 48"	sub surf	sub surf
Collection Date	(mg/kg)	5/5/2006	5/4/2006	5/4/2006
Metals (mg/kg) Soil				
Arsenic - Total	7.5 or SB	BDL	8.6	41.6
Barium - Total	300 or SB	BDL	148	388
Cadmium - Total	1 or SB	BDL	3.4	6.9
Chromium - Total	10 or SB	BDL	26.0	1090
Lead - Total	SB: 200-500 urban	BDL	423	1200
Mercury - Total	0.1	BDL	1.3	1.3
Selenium - Total	2	BDL	BDL	13.2
Silver - Total	SB	BDL	0.62	2.3
	Haz Characteristic	**B-22**	**COMP A**	**COMP B**
	Level	24" - 48"	sub surf	sub surf
Metals (mg/L) Soil TCLP	**(mg/L)**	5/5/2006	5/4/2006	5/4/2006
Arsenic - Total	5	BDL	BDL	BDL
Barium - Total	100	830 J	BDL	BDL
Cadmium - Total	1	BDL	0.042	0.11
Chromium - Total	5	BDL	BDL	BDL
Lead - Total	5	BDL	0.0074	0.011
Mercury - Total	0.2	BDL	BDL	BDL
Selenium - Total	1	BDL	0.72	0.85
Silver - Total	5	BDL	BDL	BDL
Haz Waste Characteristics				
Flashpoint °F			>200	>200
Corrosivity (pH)	2> pH >12		7.95	9.05

Analyte		Wipe 1	Wipe 2	Wipe 3	Wipe 4
Collection Date		5/5/2006	5/5/2006	5/5/2006	5/5/2006
PCBs Wipe (ug/100 cm sq)					
Aroclor 1016		BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL
Aroclor 1248		BDL	BDL	BDL	BDL
Aroclor 1254		480	300	1400	630
Aroclor 1260		400	380	1900	BDL
Total PCBs		880	680	3300	630

Metals (mg/kg) soil	Cleanup	Surf Smpl
Analyte	Objective	North Fence
	(mg/kg)	at Gate (12)
Collection Date		5/31/2006
Aluminum - Total	SB: 33,000	13600
Antimony - Total	SB	BDL
Arsenic - Total	7.5 or SB	8
Barium - Total	300 or SB	118
Beryllium - Total	0.16(HEAST) or SB	1.1
Cadmium - Total	1 or SB	2.6
Calcium - Total	SB: 130-35,000	81700
Chromium - Total	10 or SB	97.8
Cobalt - Total	30 or SB	20.4
Copper - Total	25 or SB	1820
Iron - Total	2000 or SB	36300
Lead - Total	SB: 200-500 urban	309
Magnesium - Total	SB: 100-5000	14900
Manganese - Total	SB: 50-5000	1000
Mercury - Total	0.1	0.92
Nickel - Total	13 or SB	338
Potassium - Total	SB: 8500-43000	2300
Selenium - Total	2 or SB	BDL
Silver - Total	SB	1.4
Sodium - Total	SB: 6000-8000	468
Thallium - Total	SB	BDL
Vanadium - Total	150 or SB	29.1
Zinc - Total	20 or SB	1100

Notes
1) Exceeds Recommended Soil Cleanup Objective TAGM 4046).
2) Exceeds Listed Hazardous Waste Limit
Data Qualifiers: J - Estimated; D - Secondary Dilution; DJ - Secondary Dilution, Estimated
Data Qualifiers: DE - Secondary Dilution, Exceeded Calibration Range
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 5
Analytical Results: SVOCs and PCBs in Water
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup Objective	MW-B5	MW-B19	Collection Sump (3)	OWS MH (6)	Tank Contain (1)
Collection Date	**(ug/L)**	5/17/2006	5/16/2006	5/2/2006	5/2/2006	5/2/2006
PCBs (ug/L) liquid						
Aroclor 1016		BDL	BDL	BDL	BDL	BDL
Aroclor 1221		BDL	BDL	BDL	BDL	BDL
Aroclor 1232		BDL	BDL	BDL	BDL	BDL
Aroclor 1242		BDL	BDL	BDL	BDL	BDL
Aroclor 1248		BDL	BDL	5.9	4.2	BDL
Aroclor 1254		BDL	76	BDL	BDL	BDL
Aroclor 1260		28	54	82	14	0.38 J
PCBs total	0.09	28	130	87.9	18.2	0.38J
SVOCs (ug/L)						
1,2,4-Trichlorobenzene	5		BDL			
1,2-Dichlorobenzene	3		BDL			
1,3-Dichlorobenzene	3		BDL			
1,4-Dichlorobenzene	3		BDL			
2,2'-Oxybis(1-Chloropropane)	NV		BDL			
2,4,5-Trichlorophenol	1		BDL			
2,4,6-Trichlorophenol	1		BDL			
2,4-Dichlorophenol	1		BDL			
2,4-Dimethylphenol	1		BDL			
2,4-Dinitrophenol	1		BDL			
2,4-Dinitrotoluene	5		BDL			
2,6-Dinitrotoluene	5		BDL			
2-Chloronaphthalene	10		BDL			
2-Chlorophenol	NV		BDL			
2-Methylnaphthalene	NV		BDL			
2-Methylphenol	NV		50			
2-Nitroaniline	5		BDL			
2-Nitrophenol	1		BDL			
3,3'-Dichlorobenzidine	5		BDL			
3-Nitroaniline	5		BDL			
4,6-Dinitro-2-methylphenol	NV		BDL			
4-Bromophenyl phenyl ether	NV		BDL			
4-Chloro-3-methylphenol	NV		BDL			
4-Chloroaniline	5		BDL			
4-Chlorophenyl phenyl ether	NV		BDL			
4-Methylphenol	NV		180			
4-Nitroaniline	5		BDL			
4-Nitrophenol	1		BDL			
Acenaphthene	20		BDL			
Acenaphthylene	NV		BDL			
Anthracene	50		BDL			
Benzo(a)anthracene	0.002		BDL			
Benzo(a)pyrene	ND		BDL			
Benzo(b)fluoranthene	0.002		BDL			
Benzo(ghi)perylene	NV		BDL			
Benzo(k)fluoranthene	0.002		BDL			
Bis(2-chloroethoxy) methane	NV		BDL			
Bis(2-chloroethyl) ether	1		BDL			
Bis(2-ethylhexyl) phthalate	5		BDL			
Butyl benzyl phthalate	50		BDL			
Carbazole	NV		BDL			
Chrysene	0.002		BDL			
Dibenzo(a,h)anthracene	NV		53			
Dibenzofuran	NV		BDL			
Diethyl phthalate	50		BDL			
Dimethyl phthalate	50		BDL			
Di-n-butyl phthalate	NV		BDL			
Di-n-octyl phthalate	50		BDL			
Fluoranthene	50		BDL			
Fluorene	50		BDL			
Hexachlorobenzene	0.04		BDL			
Hexachlorobutadiene	0.5		BDL			
Hexachlorocyclopentadiene	5		BDL			
Hexachloroethane	5		BDL			
Indeno(1,2,3-cd)pyrene	0.002		BDL			
Isophorone	50		BDL			
Naphthalene	10		130			
Nitrobenzene	0.4		BDL			
N-Nitroso-Di-n-propylamine	NV		BDL			
N-nitrosodiphenylamine	50		BDL			
Pentachlorophenol	1		BDL			
Phenanthrene	50		BDL			
Phenol	1		BDL			
Pyrene	50		BDL			
Total	500000		413			

Notes
1) Exceeds Recommended Groundwater Standards/Guidelines (DOW Tech Guide 2.1.3).
Data Qualifiers: J - Estimated; D - Secondary Dilution; DJ - Secondary Dilution, Estimated
Data Qualifiers: DE - Secondary Dilution, Exceeded Calibration Range
Data Qualifiers: BJ - Analyte found in associated blank, Estimated;
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

Table 6
Analytical Results: VOCs and Metals in Water
Bengart & Memel Site
1091 Clinton St.
Buffalo, NY : NYSDEC Site No. 915115

Analyte	Cleanup Objective	MW-B5	MW-B19	MW-B19 R	Trip Blank
Collection Date	(ug/L)	5/17/2006	5/16/2006	5/17/2006	5/17/2006
VOCs (ug/L)					
1,1,1-Trichloroethane	5	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	5	BDL	BDL	BDL	BDL
1,1,2-Trichloro-1,2,2-trifluoroethane	5	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	1	BDL	BDL	BDL	BDL
1,1-Dichloroethane	5	BDL	BDL	BDL	BDL
1,1-Dichloroethene	5	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	5	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	0.04	BDL	BDL	BDL	BDL
1,2-Dibromoethane	5	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	3	BDL	BDL	BDL	BDL
1,2-Dichloroethane	0.6	BDL	BDL	BDL	BDL
1,2-Dichloropropane	1	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	3	4.6 J	2	BDL	BDL
1,4-Dichlorobenzene	3	7.4	6.1	2.5J	BDL
2-Butanone	NV	BDL	3.2 J	BDL	BDL
2-Hexanone	50	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone	NV	BDL	BDL	BDL	BDL
Acetone	50	30	16	25	BDL
Benzene	1	BDL	5.4	3.0 J	BDL
Bromodichloromethane	50	BDL	BDL	BDL	BDL
Bromoform	50	BDL	BDL	BDL	BDL
Bromomethane	5	BDL	BDL	BDL	BDL
Carbon Disulfide	NV	BDL	BDL	BDL	BDL
Carbon Tetrachloride	5	BDL	BDL	BDL	BDL
Chlorobenzene	5	BDL	7.5	3.3 J	BDL
Chloroethane	5	BDL	BDL	BDL	BDL
Chloroform	7	BDL	BDL	BDL	BDL
Chloromethane	NV	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	5	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	0.4	BDL	BDL	BDL	BDL
Cyclohexane	NV	BDL	BDL	BDL	BDL
Dibromochloromethane	50	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	5	BDL	BDL	BDL	BDL
Ethylbenzene	5	BDL	BDL	BDL	BDL
Isopropylbenzene	5	BDL	BDL	BDL	BDL
Methyl acetate	NV	BDL	BDL	BDL	BDL
Methylcyclohexane	NV	BDL	BDL	BDL	BDL
Methylene chloride	5	BDL	BDL	BDL	BDL
Methyl-t-Butyl Ether (MTBE)	NV	BDL	BDL	BDL	BDL
Styrene	5	BDL	BDL	BDL	BDL
Tetrachloroethene	5	BDL	BDL	BDL	BDL
Toluene	5	BDL	2.2	BDL	BDL
Total Xylenes	5	BDL	3.2	BDL	BDL
trans-1,2-Dichloroethene	5	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	0.4	BDL	BDL	BDL	BDL
Trichloroethene	5	BDL	BDL	BDL	BDL
Trichlorofluoromethane	5	BDL	BDL	BDL	BDL
Vinyl chloride	2	BDL	BDL	BDL	BDL
Metals (mg/L)	**(ug/L)**	**MW-B5**	**MW-B19**	**MW-B19 R**	
Aluminum - Total	NV		13.7		
Antimony - Total	3		BDL		
Arsenic - Total	25		0.016		
Barium - Total	1000		0.39		
Beryllium - Total	3		BDL		
Cadmium - Total	5		BDL		
Calcium - Total	NV		124		
Chromium - Total	50		0.029		
Cobalt - Total	NV		0.0096		
Copper - Total	200		0.069		
Iron - Total	300		37.9		
Lead - Total	25		0.14		
Magnesium - Total	35000		36.7		
Manganese - Total	300		1.2		
Mercury - Total	0.7		BDL		
Nickel - Total	100		0.03		
Potassium - Total	NV		31.3		
Selenium - Total	10		BDL		
Silver - Total	50		BDL		
Sodium - Total	20000		71.1		
Thallium - Total	0.5		BDL		
Vanadium - Total	NV		0.032		
Zinc - Total	5000		0.23		

Notes
1) Exceeds Recommended Groundwater Standards/Guidelines (DOW Tech Guide 2.1.3).
Data Qualifiers: J - Estimated; D - Secondary Dilution; DJ - Secondary Dilution, Estimated
Data Qualifiers: DE - Secondary Dilution, Exceeded Calibration Range
Acronyms: BDL - Below Dection Limit; ND - Non-detecatble value; NV - No Value provided

APPENDICES

APPENDIX A
BORING AND MONITORING WELL LOGS

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-1
Date/Time Completed: 5/4/06 1025
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
		1		Ø		topsoil-sandy, w/ metal shavings		
1								
						-14" slag- lt. grey in color	lab sample	
2						-24"		
						clay- stiff, damp		
3						lt. brown in color		
						↓		
4					80	-40"		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-2
Date/Time Completed: 5/4/06 0935
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
		1		20		6 asphalt 8 crushed stone gravel		
1						fill - soil / gravel / organic matter		
						21 fill - dark brown / black sand	lab	
2						27 gravel, glass fragments	sample	
						33 wood / peat lense interface		
3						clay - stiff, lt. brown		
4						52 ▼		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-3
Date/Time Completed: 5/4/06 0900
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
		1		138		5" asphalt		
1						8" crushed stone gravel		
				73		fill - brown soil w/ gravel	lab sample at interface w/ native soil	
2								
						29" clay-stiff, lt. brown w/ black staining at interface		
3								
4					80			
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-4
Date/Time Completed: 5/4/06 0915
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	NUMBER	N VALUE	PID ppm	%RECOV	Stratigraphic Description	Remarks	Well Details
				154		5" asphalt		
1						7" crushed stone gravel		
						17" fill - brown soil w/ gravel		
2				65		26" fill - black sand w/ gravel	lab sample dump	
						clay - stiff, lt. brown w/ black staining at interface		
3								
4					100	48"		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-S
Date/Time Completed: 5/4/06 0950
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
				10		5" asphalt	2.72' AGS	
1						9" crushed stone gravel	bentonite plug	
						fill - mixed soil w/ rounded stone and crushed stone	#2 silica sand	▼ 1.48' BGS 5/1/06
2				8.1		21" fill - black sand/slag	lab sample	
						27"		
3						clay - moist, stiff, lt. brown		
					81	39"		
4								
						56" clay - moist, brown/grey	lab sample	
5						clay - damp, stiff, lt. brown		
							1" ø sch 40 PVC w/ 0.20 slot	
6								
							5' Length	
7								
							bottom 7.47' BGS	
8					100	96"		silica sand
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-6
Date/Time Completed: 5/4/06 1135
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
				0		7" asphalt		
1						15" fill - mix brown soil/crushed stone		
						fill - grey slag/gravel		
2								
						28"		
3						fill - grey/black slag/gravel	moist lab sample	
						38"		
						clay - stiff, lt brown	damp	
4		1			94	45"		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-7
Date/Time Completed: 5/4/06 1100
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
				0		4" asphalt		
1						8" fill - fill - gravel/sand/soil, brown		
						18"		
2						21" fill - black sand/gravel, soil		
						32" fill - grey slag/sand/soil	moist	
3						37" fill - black slag/sand	lab sample	
						clay - stiff, lt grey w/ black		
4		1			100	48" interface		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: **B-8**
Date/Time Completed: **5/4/06 1035**
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
				0		4" asphalt		
1						fill - gravel, brick, soil		
2						21"		
						24" fill - sand w/ trace gravel		
						28"		
3						33" fill - silty sand, brown/grey		
4		1			69			
						55" fill - silty sand, brown/grey	petrol odor	
5						58" fill - sand, gravel, black, moist -	lab sample	
						clay - stiff, lt. brown, damp		
6								
7								
8		2			100	96"		
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-9
Date/Time Completed: 5/4/06 1310
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
						5" asphalt		
1						11" crushed stone gravel	lab sample	
						fill - crushed stone / soil		
2				4.3		21" / 23" fill - black sand, slag moist	lab sample	
						clay - stiff med grey w/ black staining at interface	damp	
3								
						44"		
4		1			92			
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-10
Date/Time Completed: 5/4/06 1150 ↳ 1235
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
						5" asphalt 8" crushed stone gravel		
1						fill - slag, gravel, soil, wood plastic	slight petrol odor - no sample	
2						26"		
							potential rr siding	
3								
4		1			54			
						4" fill - slag, gravel, wood	clay layer likely shallower than observed in core	
5						clay - lt. brown, stiff		
						black staining at interface		
6								
7								
8		2			100	48"		
9								
10						Obstruction in initial coring (~18") required advancing a new core at an offset location		
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-12
Date/Time Completed: 5/4/06 1415
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
						4" asphalt		
1						8" crushed stone gravel fill - lt. grey & brg		
						16"		
2				2.7		fill - black sand, slag	1ab sample moist, odor	
						29"		
3						clay - stiff, lt brown		
4		1			94	45"		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-13
Date/Time Completed: 5/4/06 1335
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						5" asphalt		
1						7" crushed stone gravel 9" fill - clay, lt brown		
						23" fill - gravel/soil lt brown/grey		
2						25" fill - black slag, moist		
						fill - black silty sand, moist	odor	
3						35"		
						41" fill - silty clay, grey/brown		
4		1			85		lab sample	
						55"		
5						clay - stiff, lt. brown		
6								
7								
8		2			100	96"		
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-14
Date/Time Completed: 5/4/06 1430
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						5" asphalt		
1						9" crushed stone gravel		
						fill - black sand/slag		
2						moist	odor	
3							lab sample	
		1			100	40"		
4						obstruction - refusal		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-15
Date/Time Completed: 5/4/06 1505
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						4" asphalt		
1						9" crushed stone gravel		
						fill- grey/black sand, slag	odor	
2							moist	
							1@6 sample	
3								
		1			100	39"		
4						obstruction - refusal wood chips, possible rr tie		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-16
Date/Time Completed: 5/4/06 1450
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						3" asphalt 2" crushed stone gravel		
1						fill - lt grey slag		
2						21" fill - black sand, brick		
3						36"	lab sample	
		1			100	42" clay - med grey, damp		
4						obstruction - refusal		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-17
Date/Time Completed: 5/4/06 1530
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						4" asphalt 8" crushed stone gravel		
1						fill - dark grey/black slag w/ gravel and glass wood		
2							moist	
3		1			79	38"	lab sample	
4								
						57" fill - black sand/slag	wet	
5								
						clay - stiff, lt brown		
6								
7								
8		2				96"		
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-18
Date/Time Completed: 5/4/06 1615
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
						4" asphalt + crushed stone gravel		
1						fill - med to lt grey slag and gravel	lab sample	
						↓		
2						23"		
					60	29" clay - stiff, lt brown		
3								
4		1						
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-19
Date/Time Completed: 5/4/06 1630
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
							3.08' AGS	
						5" asphalt 8" crushed stone gravel	odor asphalt decomposed	bentonite plug
1								
						fill - black sand/slag with wood and glass fragments	moist	▼ 0.83' BGS 5/11/06
2							lab	#2 silica sand
							sample	
3							odor	
						40"		
4		1			92	44" fill - sand (black)	wet	
						55" fill - black sand	wet	
5						clay - stiff, med grey	1" ø sch 40	
							PVC w/	
6						lt. brown	0.20 slot	
							5' length	
7						bottom	6.97' BGS	
						88"		
8		2			83		silica sand	
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-20
Date/Time Completed: 5/4/06 1555
Drilling Method: Vibra Core

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
						2" asphalt 8" crushed stone gravel		
1						fill - med grey slag	-	
						18"	lab sample	
2						fill - black sand		
						32"		
3						35" clay lense fill - med grey		
					100	39" fill - black gravel/soil w/ wood	moist	
4		1				obstruction - refusal (rr tie) debris		
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-21
Date/Time Completed: 5/5/06 1005
Drilling Method: Split Spoon via Tripod & Cathead

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
				120		6" concrete		
1				299	50	12" fill - cinder/slag	lab sample	
							odor	
2		1						
				418		31" fill - cinder/slag	odor	
3						39" clay - stiff, lt brown		
4		2			62			
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-22
Date/Time Completed: 5/5/06 0915
Drilling Method: Split Spoon via Tripod & Cathead

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample % RECOV	Stratigraphic Description	Remarks	Well Details
				961		6" concrete	—	
1					50	fill - slag/cinder (marginal recovery)	odor	
				30				
2		1				29"	lab sample	
						fill - slag/cinder	odor	
3						36"		
					75	clay - stiff, lt. brown		
4		2				45"	—	
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-23
Date/Time Completed: 5/5/06 1045
Drilling Method: Split Spoon via Tripod & Cathead

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
				30		6" concrete		
1						fill - cinders/slag (black)	odor	
					75	16" wet	lab sample	
2		1		306				
						30" fill - black cinders/slag (wet)		
3					50	36" clay - stiff, lt. brown		
4		2						
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation
Stratigraphic and Instrumentation Log

Project Name: **Bengart & Memel Site**
Site No.: **915115**
Location: **See Site Plan**
NYSDEC Staff: **E. Melnyk, D. Szymanski**

Hole Designation: B-24
Date/Time Completed: 5/5/06 1120
Drilling Method: Split Spoon via Tripod & Cathead

Depth (ft.) BGS	Sample COUNT	Sample NUMBER	Sample N VALUE	Sample PID ppm	Sample %RECOV	Stratigraphic Description	Remarks	Well Details
				6		6" concrete		
1						12" fill - cinder/slag (black) wet	—	
						clay - stiff, lt brown		
2		1			100	24"	lab sample	
3								
4		2			100	48	—	
5								
6								
7								
8								
9								
10								
11								
12								
13								

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table
Grain Size ◯ Water Found ▽ Static Level ▼

APPENDIX B
LAB DATA RESULTS

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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

ANALYTICAL REPORT

Job#: A06-5702

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Bengart & Memel Site: 915115

Eugene Melnyk
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

STL Buffalo

Brian J. Fischer
Project Manager

05/31/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6570201	MW-19	WATER	05/16/2006	13:15	05/18/2006	15:55
A6570202	MW-19R	WATER	05/17/2006	11:45	05/18/2006	15:55
A6570203	MW-5	WATER	05/17/2006	11:30	05/18/2006	15:55
A6570204	Trip Blank	WATER	05/17/2006		05/18/2006	15:55

METHODS SUMMARY

Job#: A06-5702

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - AQUEOUS-SW8463 TCL 8260	SW8463 8260
NYDEC AQ- 8270 TCL SEMI-VOLATILE ORGANIC	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-5702

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-5702
Sample Cooler(s) were received at the following temperature(s); 5.4 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

For method 8082, sample MW-19 required dilution prior to analysis due to the high concentration of target analytes. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

6-1-06

Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-19	A6570201	8082	10.00	008
MW-19	A6570201	8270	5.00	008
MW-19R	A6570202	8260	5.00	003
MW-5	A6570203	8082	2.00	008
MW-5	A6570203	8260	5.00	003

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates 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 instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: MW-19
Lab Sample ID: A6570201
Date Collected: 05/16/2006
Time Collected: 13:15

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - AQUEOUS-SW8463 TCL 8260							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,1-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,1-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2-Dibromoethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,2-Dichloropropane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
1,3-Dichlorobenzene	1.5		1.0	UG/L	8260	05/24/2006 16:59	MG
1,4-Dichlorobenzene	6.1		1.0	UG/L	8260	05/24/2006 16:59	MG
2-Butanone	3.2	J	5.0	UG/L	8260	05/24/2006 16:59	MG
2-Hexanone	ND		5.0	UG/L	8260	05/24/2006 16:59	MG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	05/24/2006 16:59	MG
Acetone	16		5.0	UG/L	8260	05/24/2006 16:59	MG
Benzene	5.4		1.0	UG/L	8260	05/24/2006 16:59	MG
Bromodichloromethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Bromoform	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Bromomethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Carbon Disulfide	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Carbon Tetrachloride	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Chlorobenzene	7.5		1.0	UG/L	8260	05/24/2006 16:59	MG
Chloroethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Chloroform	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Chloromethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Cyclohexane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Dibromochloromethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Ethylbenzene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Isopropylbenzene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Methyl acetate	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Methylcyclohexane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Methylene chloride	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Styrene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Tetrachloroethene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Toluene	2.2		1.0	UG/L	8260	05/24/2006 16:59	MG
Total Xylenes	3.2		3.0	UG/L	8260	05/24/2006 16:59	MG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Trichloroethene	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Trichlorofluoromethane	ND		1.0	UG/L	8260	05/24/2006 16:59	MG
Vinyl chloride	ND		1.0	UG/L	8260	05/24/2006 16:59	MG

Sample ID: MW-19
Lab Sample ID: A6570201
Date Collected: 05/16/2006
Time Collected: 13:15

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYDEC AQ- SW8463 8270 - TCL SVOA ORGANIC							
1,2,4-Trichlorobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
1,2-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
1,3-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
1,4-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,2'-Oxybis(1-Chloropropane)	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,4,5-Trichlorophenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,4,6-Trichlorophenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,4-Dichlorophenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,4-Dimethylphenol	92		47	UG/L	8270	05/23/2006 17:09	MD
2,4-Dinitrophenol	ND		240	UG/L	8270	05/23/2006 17:09	MD
2,4-Dinitrotoluene	ND		47	UG/L	8270	05/23/2006 17:09	MD
2,6-Dinitrotoluene	ND		47	UG/L	8270	05/23/2006 17:09	MD
2-Chloronaphthalene	ND		47	UG/L	8270	05/23/2006 17:09	MD
2-Chlorophenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
2-Methylnaphthalene	ND		47	UG/L	8270	05/23/2006 17:09	MD
2-Methylphenol	50		47	UG/L	8270	05/23/2006 17:09	MD
2-Nitroaniline	ND		240	UG/L	8270	05/23/2006 17:09	MD
2-Nitrophenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
3,3'-Dichlorobenzidine	ND		94	UG/L	8270	05/23/2006 17:09	MD
3-Nitroaniline	ND		240	UG/L	8270	05/23/2006 17:09	MD
4,6-Dinitro-2-methylphenol	ND		240	UG/L	8270	05/23/2006 17:09	MD
4-Bromophenyl phenyl ether	ND		47	UG/L	8270	05/23/2006 17:09	MD
4-Chloro-3-methylphenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
4-Chloroaniline	ND		47	UG/L	8270	05/23/2006 17:09	MD
4-Chlorophenyl phenyl ether	ND		47	UG/L	8270	05/23/2006 17:09	MD
4-Methylphenol	180		47	UG/L	8270	05/23/2006 17:09	MD
4-Nitroaniline	ND		240	UG/L	8270	05/23/2006 17:09	MD
4-Nitrophenol	ND		240	UG/L	8270	05/23/2006 17:09	MD
Acenaphthene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Acenaphthylene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Anthracene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Benzo(a)anthracene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Benzo(a)pyrene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Benzo(b)fluoranthene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Benzo(ghi)perylene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Benzo(k)fluoranthene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Bis(2-chloroethoxy) methane	ND		47	UG/L	8270	05/23/2006 17:09	MD
Bis(2-chloroethyl) ether	ND		47	UG/L	8270	05/23/2006 17:09	MD
Bis(2-ethylhexyl) phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Butyl benzyl phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Carbazole	ND		47	UG/L	8270	05/23/2006 17:09	MD
Chrysene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Di-n-butyl phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Di-n-octyl phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Dibenzo(a,h)anthracene	53		47	UG/L	8270	05/23/2006 17:09	MD
Dibenzofuran	ND		47	UG/L	8270	05/23/2006 17:09	MD
Diethyl phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Dimethyl phthalate	ND		47	UG/L	8270	05/23/2006 17:09	MD
Fluoranthene	ND		47	UG/L	8270	05/23/2006 17:09	MD

Sample ID: MW-19
Lab Sample ID: A6570201
Date Collected: 05/16/2006
Time Collected: 13:15

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYDEC AQ- SW8463 8270 - TCL SVOA ORGANIC							
Fluorene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Hexachlorobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Hexachlorobutadiene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Hexachlorocyclopentadiene	ND		210	UG/L	8270	05/23/2006 17:09	MD
Hexachloroethane	ND		47	UG/L	8270	05/23/2006 17:09	MD
Indeno(1,2,3-cd)pyrene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Isophorone	ND		47	UG/L	8270	05/23/2006 17:09	MD
N-Nitroso-Di-n-propylamine	ND		47	UG/L	8270	05/23/2006 17:09	MD
N-nitrosodiphenylamine	ND		47	UG/L	8270	05/23/2006 17:09	MD
Naphthalene	130		47	UG/L	8270	05/23/2006 17:09	MD
Nitrobenzene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Pentachlorophenol	ND		240	UG/L	8270	05/23/2006 17:09	MD
Phenanthrene	ND		47	UG/L	8270	05/23/2006 17:09	MD
Phenol	ND		47	UG/L	8270	05/23/2006 17:09	MD
Pyrene	ND		47	UG/L	8270	05/23/2006 17:09	MD
NYSDEC-AQ-SW8463 8082 - PCBS							
Aroclor 1016	ND		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1221	ND		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1232	ND		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1242	ND		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1248	ND		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1254	76		4.7	UG/L	8082	05/25/2006 02:56	GFD
Aroclor 1260	54		4.7	UG/L	8082	05/25/2006 02:56	GFD
Metals Analysis							
Aluminum - Total	13.7		0.20	MG/L	6010	05/24/2006 22:19	TWS
Antimony - Total	ND		0.020	MG/L	6010	05/24/2006 22:19	TWS
Arsenic - Total	0.016		0.010	MG/L	6010	05/24/2006 22:19	TWS
Barium - Total	0.39		0.0020	MG/L	6010	05/24/2006 22:19	TWS
Beryllium - Total	ND		0.0020	MG/L	6010	05/24/2006 22:19	TWS
Cadmium - Total	ND		0.0010	MG/L	6010	05/24/2006 22:19	TWS
Calcium - Total	124		0.50	MG/L	6010	05/24/2006 22:19	TWS
Chromium - Total	0.029		0.0040	MG/L	6010	05/24/2006 22:19	TWS
Cobalt - Total	0.0096		0.0040	MG/L	6010	05/24/2006 22:19	TWS
Copper - Total	0.069		0.010	MG/L	6010	05/24/2006 22:19	TWS
Iron - Total	37.9		0.050	MG/L	6010	05/24/2006 22:19	TWS
Lead - Total	0.14		0.0050	MG/L	6010	05/24/2006 22:19	TWS
Magnesium - Total	36.7		0.20	MG/L	6010	05/24/2006 22:19	TWS
Manganese - Total	1.2		0.0030	MG/L	6010	05/24/2006 22:19	TWS
Mercury - Total	ND		0.00020	MG/L	7470	05/22/2006 13:16	LH
Nickel - Total	0.030		0.010	MG/L	6010	05/24/2006 22:19	TWS
Potassium - Total	31.3		0.50	MG/L	6010	05/24/2006 22:19	TWS
Selenium - Total	ND		0.015	MG/L	6010	05/24/2006 22:19	TWS
Silver - Total	ND		0.0030	MG/L	6010	05/24/2006 22:19	TWS
Sodium - Total	71.1		1.0	MG/L	6010	05/24/2006 22:19	TWS
Thallium - Total	ND		0.020	MG/L	6010	05/24/2006 22:19	TWS
Vanadium - Total	0.032		0.0050	MG/L	6010	05/24/2006 22:19	TWS
Zinc - Total	0.23		0.010	MG/L	6010	05/24/2006 22:19	TWS

Sample ID: MW-19R
Lab Sample ID: A6570202
Date Collected: 05/17/2006
Time Collected: 11:45

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - AQUEOUS-SW8463 TCL 8260							
1,1,1-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,1,2-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,1-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,1-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2,4-Trichlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2-Dibromo-3-chloropropane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2-Dibromoethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,2-Dichloropropane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,3-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
1,4-Dichlorobenzene	2.5	J	5.0	UG/L	8260	05/24/2006 17:23	MG
2-Butanone	ND		25	UG/L	8260	05/24/2006 17:23	MG
2-Hexanone	ND		25	UG/L	8260	05/24/2006 17:23	MG
4-Methyl-2-pentanone	ND		25	UG/L	8260	05/24/2006 17:23	MG
Acetone	25		25	UG/L	8260	05/24/2006 17:23	MG
Benzene	3.0	J	5.0	UG/L	8260	05/24/2006 17:23	MG
Bromodichloromethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Bromoform	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Bromomethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Carbon Disulfide	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Carbon Tetrachloride	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Chlorobenzene	3.3	J	5.0	UG/L	8260	05/24/2006 17:23	MG
Chloroethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Chloroform	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Chloromethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
cis-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Cyclohexane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Dibromochloromethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Dichlorodifluoromethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Ethylbenzene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Isopropylbenzene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Methyl acetate	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Methyl-t-Butyl Ether (MTBE)	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Methylcyclohexane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Methylene chloride	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Styrene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Tetrachloroethene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Toluene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Total Xylenes	ND		15	UG/L	8260	05/24/2006 17:23	MG
trans-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Trichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Trichlorofluoromethane	ND		5.0	UG/L	8260	05/24/2006 17:23	MG
Vinyl chloride	ND		5.0	UG/L	8260	05/24/2006 17:23	MG

Sample ID: MW-5
Lab Sample ID: A6570203
Date Collected: 05/17/2006
Time Collected: 11:30

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - AQUEOUS-SW8463 TCL 8260							
1,1,1-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,1,2-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,1-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,1-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2,4-Trichlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2-Dibromo-3-chloropropane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2-Dibromoethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,2-Dichloropropane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
1,3-Dichlorobenzene	4.6	J	5.0	UG/L	8260	05/24/2006 17:47	MG
1,4-Dichlorobenzene	7.4		5.0	UG/L	8260	05/24/2006 17:47	MG
2-Butanone	ND		25	UG/L	8260	05/24/2006 17:47	MG
2-Hexanone	ND		25	UG/L	8260	05/24/2006 17:47	MG
4-Methyl-2-pentanone	ND		25	UG/L	8260	05/24/2006 17:47	MG
Acetone	30		25	UG/L	8260	05/24/2006 17:47	MG
Benzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Bromodichloromethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Bromoform	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Bromomethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Carbon Disulfide	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Carbon Tetrachloride	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Chlorobenzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Chloroethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Chloroform	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Chloromethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
cis-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Cyclohexane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Dibromochloromethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Dichlorodifluoromethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Ethylbenzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Isopropylbenzene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Methyl acetate	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Methyl-t-Butyl Ether (MTBE)	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Methylcyclohexane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Methylene chloride	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Styrene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Tetrachloroethene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Toluene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Total Xylenes	ND		15	UG/L	8260	05/24/2006 17:47	MG
trans-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Trichloroethene	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Trichlorofluoromethane	ND		5.0	UG/L	8260	05/24/2006 17:47	MG
Vinyl chloride	ND		5.0	UG/L	8260	05/24/2006 17:47	MG

Sample ID: MW-5
Lab Sample ID: A6570203
Date Collected: 05/17/2006
Time Collected: 11:30

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-AQ-SW8463 8082 - PCBS							
Aroclor 1016	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1221	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1232	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1242	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1248	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1254	ND		0.94	UG/L	8082	05/25/2006 03:14	GFD
Aroclor 1260	28		0.94	UG/L	8082	05/25/2006 03:14	GFD

Sample ID: Trip Blank
Lab Sample ID: A6570204
Date Collected: 05/17/2006
Time Collected:

Date Received: 05/18/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - AQUEOUS-SW8463 TCL 8260							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,1-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,1-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2-Dibromoethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,2-Dichloropropane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
2-Butanone	ND		5.0	UG/L	8260	05/24/2006 12:14	MG
2-Hexanone	ND		5.0	UG/L	8260	05/24/2006 12:14	MG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	05/24/2006 12:14	MG
Acetone	ND		5.0	UG/L	8260	05/24/2006 12:14	MG
Benzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Bromodichloromethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Bromoform	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Bromomethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Carbon Disulfide	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Carbon Tetrachloride	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Chlorobenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Chloroethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Chloroform	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Chloromethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Cyclohexane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Dibromochloromethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Ethylbenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Isopropylbenzene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Methyl acetate	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Methylcyclohexane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Methylene chloride	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Styrene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Tetrachloroethene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Toluene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Total Xylenes	ND		3.0	UG/L	8260	05/24/2006 12:14	MG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Trichloroethene	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Trichlorofluoromethane	ND		1.0	UG/L	8260	05/24/2006 12:14	MG
Vinyl chloride	ND		1.0	UG/L	8260	05/24/2006 12:14	MG

NYSA946109 / 47

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC Reg. 9 DER	Project Manager: EUGENE MELNYK	Date: 5/ /06	Chain of Custody Number: 252294
Address: 270 Michigan Ave	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226	Lab Number:	Page 1 of 1
City: BUFFALO	State: NY	Zip Code: 14203-2999	Site Contact: Reed Seymour	Lab Contact: B. Fischer
Project Name and Location (State): BENGART & MEMEL (Callout # 115139)	Carrier/Waybill Number:	Analysis (Attach list if more space is needed)
Contract/~~Purchase Order~~/Quote No.: C200305		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	PCBs 8082	TCL VOCs 8260	TCL SVOA 8270	TAL metals	Special Instructions/ Conditions of Receipt
~~MW-5~~	5/17/06	1130hrs		✓			✓				✓		1	3			Sample to be delivered at a later date
MW-19	5/16/06	1315hrs		✓			✓			✓	✓		2	3	2	1	
MW-19R	5/17/06	1145hrs		✓							✓			3			

↓ RECEIVED & TESTS ASSIGNED - BJF

Possible Hazard Identification: Suspect VOC's - PCBs

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STANDARD 30 Day TAT

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/18/06	15:55	1. Received By: CBell STL BUFFALO	5/18/06	1555
2. Relinquished By:	Date	Time	2. Received By:	Date	Time
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments:

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

5.40c

1616

ANALYTICAL REPORT

Job#: A06-5028,A06-5029,A06-5030,A06-5031

STL Project#: NY5A946109
SDG#: 5029
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Bengart & Memel Site: 915115

Eugene Melnyk
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

STL Buffalo

Brian J. Fischer
Project Manager

05/22/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6502806	B1 16-24	SOIL	05/04/2006	10:30	05/05/2006	13:05
A6502811	B10 24-28	SOIL	05/04/2006	13:05	05/05/2006	13:05
A6502817	B12 24-29	SOIL	05/04/2006	14:25	05/05/2006	13:05
A6502814	B13 41-48	SOIL	05/04/2006	13:45	05/05/2006	13:05
A6502813	B13 VOC 5-43	SOIL	05/04/2006	13:40	05/05/2006	13:05
A6502819	B14 35-39	SOIL	05/04/2006	14:50	05/05/2006	13:05
A6502818	B14 VOC 4-39	SOIL	05/04/2006	14:45	05/05/2006	13:05
A6502901	B15 9-39	SOIL	05/04/2006	15:25	05/05/2006	13:05
A6502820	B16 32-37	SOIL	05/04/2006	15:05	05/05/2006	13:05
A6502904	B17 30-38	SOIL	05/04/2006	15:55	05/05/2006	13:05
A6502903	B17 VOC 38-46	SOIL	05/04/2006	15:50	05/05/2006	13:05
A6502906	B18 5-23	SOIL	05/04/2006	16:25	05/05/2006	13:05
A6502908	B19 8-40	SOIL	05/04/2006	16:40	05/05/2006	13:05
A6502907	B19 VOC 8-36	SOIL	05/04/2006	16:35	05/05/2006	13:05
A6502803	B2 21-27	SOIL	05/04/2006	09:40	05/05/2006	13:05
A6502905	B20 8-35	SOIL	05/04/2006	16:05	05/05/2006	13:05
A6502912	B21 0-24	SOIL	05/05/2006	10:10	05/05/2006	13:05
A6502913	B21 VOC 24-48	SOIL	05/05/2006	10:20	05/05/2006	13:05
A6502911	B22 SVOC 24-48	SOIL	05/05/2006	09:35	05/05/2006	13:05
A6502910	B22 VOC 0-24	SOIL	05/05/2006	09:20	05/05/2006	13:05
A6502915	B23 24-48	SOIL	05/05/2006	11:00	05/05/2006	13:05
A6502914	B23 VOC 0-24	SOIL	05/05/2006	10:45	05/05/2006	13:05
A6502916	B24 0-48	SOIL	05/05/2006	11:20	05/05/2006	13:05
A6502801	B3 31-35	SOIL	05/04/2006	09:10	05/05/2006	13:05
A6502802	B4 18-24	SOIL	05/04/2006	09:20	05/05/2006	13:05
A6502804	B5 32-37	SOIL	05/04/2006	09:55	05/05/2006	13:05
A6502805	B5 48-56	SOIL	05/04/2006	10:05	05/05/2006	13:05
A6502810	B6 28-38	SOIL	05/04/2006	11:45	05/05/2006	13:05
A6502809	B6 VOC	SOIL	05/04/2006	11:50	05/05/2006	13:05
A6502808	B7 32-37	SOIL	05/04/2006	11:15	05/05/2006	13:05
A6502807	B8 37-42	SOIL	05/04/2006	11:00	05/05/2006	13:05
A6502815	B9 23-28	SOIL	05/04/2006	13:30	05/05/2006	13:05
A6502812	B9 5-9	SOIL	05/04/2006	13:25	05/05/2006	13:05
A6503002	COLLECTION SUMP	WATER	05/02/2006	13:45	05/03/2006	12:10
A6502902	COMPOSITE AREA A	SOIL	05/04/2006	15:30	05/05/2006	13:05
A6502909	COMPOSITE AREA B	SOIL	05/04/2006	16:55	05/05/2006	13:05
A6502816	DI SEDIMENT	SOIL	05/04/2006	14:05	05/05/2006	13:05
A6503101	FLOOR DUST	SOIL	05/05/2006	11:50	05/05/2006	13:05
A6503003	OWS MANHOLE	WATER	05/02/2006	14:30	05/03/2006	12:10
A6503006	SURFACE SAMPLE-FENCE	SOIL	05/02/2006	14:10	05/03/2006	12:10
A6503007	SURFACE SOIL-FILL AR	SOIL	05/02/2006	15:00	05/03/2006	12:10
A6503005	SURFACE SOIL-MH	SOIL	05/02/2006	14:00	05/03/2006	12:10
A6503001	TANK CONTAINMENT	WATER	05/02/2006	13:05	05/03/2006	12:10
A6503004	TANK CONTAINMENT SED	SEDIM	05/02/2006	13:25	05/03/2006	12:10
A6503102	WIPE 1	WIPE	05/05/2006	11:55	05/05/2006	13:05
A6503103	WIPE 2	WIPE	05/05/2006	12:00	05/05/2006	13:05
A6503104	WIPE 3	WIPE	05/05/2006	12:05	05/05/2006	13:05
A6503105	WIPE 4	WIPE	05/05/2006	12:10	05/05/2006	13:05

METHODS SUMMARY

Job#: A06-5028,A06-5029,A06-5030,A06-5031

STL Project#: NY5A946109
SDG#: 5029
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC-SPILLS - METHOD 8260 - TCL VOLATILES - S	SW8463 8260
NYSDEC -S-METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082W
NYSDEC-SPILLS- 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Corrosivity (pH)	SW8463 9045
Flashpoint	SW8463 1010
Toxicity Characteristic Leaching Procedure	ASP00 1311

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-5028,A06-5029,A06-5030,A06-5031

STL Project#: NY5A946109
SDG#: 5029
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-5028
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
All samples were received in good condition.
A06-5029
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
All samples were received in good condition.
A06-5030
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
All samples were received in good condition.
A06-5031
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Methylene Chloride was detected in the Method Blank A6B1866502 (VBLK52) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

GC/MS Semivolatile Data

The surrogate recoveries for Phenol-D5 and p-Terphenyl-d14 were below the laboratory quality control limits for sample COMPOSITE AREA A. Based on US EPA CLP National Functional Guidelines for Data Review, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit. All analytes associated with that surrogate should be considered biased low.

GC Extractable Data

For method 8082, many samples required dilution prior to analysis due to the heavy matrix present or high concentration of target analytes. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8082, the recovery of surrogate Tetrachloro-m-xylene in sample B24 0-48 is outside of established quality control limits due to the sample matrix. The recovery of surrogate Decachlorobiphenyl is within quality control criteria; no corrective action is required.

For method 8082, the recoveries and the relative percent difference for sample B2 21-27 Matrix Spike and the Matrix Spike duplicate are outside quality control limits for several compounds due to matrix effects and dilution, though the Matrix Spike Blank recoveries are compliant, no action necessary.

For method 8082, the recoveries and the relative percent difference for sample B21 0-24 Matrix Spike and the Matrix Spike duplicate are outside quality control limits for several compounds due to dilution and high level positives, though the Matrix Spike Blank recoveries are compliant, no action necessary.

For method 8082, the recovery of surrogate Decachlorobiphenyl in sample B23 24-48 is outside of established quality control limits due to the sample matrix and dilution. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits; no corrective action is required.

Metals Data

The analyte Barium was detected in the TCLP Extractor Blank (A6B1855201) at a level above the project established reporting limit. However, all samples had levels of Barium greater than ten times that of the Extractor Blank value, therefore, no corrective action was necessary.

The analyte Lead was detected in the TCLP Extractor Blank (A6B1855201) at a concentration above STL's standard quantitation limit. Sample COMPOSITE AREA A was least five times less than the TCLP Regulatory Limit and COMPOSITE AREA B had concentrations of Lead greater than 10X that of the Extractor Blank (A6B1855201) value. The sample data was therefore accepted and no corrective action was performed.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

_____

Brian J. Fischer
Project Manager

_____

Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
B3 31-35	A6502801	8082	10.00	008
B4 18-24	A6502802	8082	100.00	008
B2 21-27	A6502803	8082	10.00	008
B2 21-27	A6502803MS	8082	10.00	008
B2 21-27	A6502803SD	8082	10.00	008
B5 32-37	A6502804	8082	100.00	008
B5 48-56	A6502805	8082	100.00	008
B1 16-24	A6502806	8082	100.00	008
B8 37-42	A6502807	8082	20.00	008
B7 32-37	A6502808	8082	200.00	008
B6 28-38	A6502810	8082	50.00	008
B10 24-28	A6502811	8082	50.00	008
B9 5-9	A6502812	8082	200.00	008
B9 23-28	A6502815	8082	100.00	008
DI SEDIMENT	A6502816	8082	100.00	008
B14 35-39	A6502819	8082	50.00	008
B16 32-37	A6502820	8082	200.00	008
B15 9-39	A6502901	8082	2.00	008
COMPOSITE AREA A	A6502902	8270	20.00	012
COMPOSITE AREA A	A6502902	Mercury - Total	5.00	008
B17 30-38	A6502904	8082	10.00	008
B18 5-23	A6502906	8082	100.00	008
B19 VOC 8-36	A6502907DL	8260	2.00	008
B19 8-40	A6502908	8082	100.00	008
COMPOSITE AREA B	A6502909	8270	20.00	012
COMPOSITE AREA B	A6502909	Mercury - Total	5.00	008
B22 SVOC 24-48	A6502911	8270	10.00	012
B21 0-24	A6502912	8082	1000.00	008
B21 0-24	A6502912MS	8082	1000.00	008
B21 0-24	A6502912SD	8082	1000.00	008
B23 24-48	A6502915	8082	5.00	008
COLLECTION SUMP	A6503002	8082	10.00	008
OWS MANHOLE	A6503003	8082	5.00	008
TANK CONTAINMENT SED	A6503004	8082	50.00	008
SURFACE SOIL-MH	A6503005	8082	50.00	008
SURFACE SAMPLE-FENCE	A6503006	8082	100.00	008
SURFACE SOIL-FILL AR	A6503007	8082	100.00	008
FLOOR DUST	A6503101	8082	1000.00	008
WIPE 1	A6503102	8082W	100.00	008
WIPE 2	A6503103	8082W	200.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
WIPE 3	A6503104	8082W	500.00	008
WIPE 4	A6503105	8082W	500.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates 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 instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: B1 16-24
Lab Sample ID: A6502806
Date Collected: 05/04/2006
Time Collected: 10:30

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1221	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1232	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1242	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1248	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1254	ND		1800	UG/KG	8082	05/12/2006 18:25	DW
Aroclor 1260	12000		1800	UG/KG	8082	05/12/2006 18:25	DW

Sample ID: B10 24-28
Lab Sample ID: A6502811
Date Collected: 05/04/2006
Time Collected: 13:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1221	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1232	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1242	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1248	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1254	ND		1000	UG/KG	8082	05/12/2006 20:11	DW
Aroclor 1260	11000		1000	UG/KG	8082	05/12/2006 20:11	DW

Sample ID: B12 24-29
Lab Sample ID: A6502817
Date Collected: 05/04/2006
Time Collected: 14:25

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1221	ND		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1232	ND		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1242	ND		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1248	25		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1254	130		22	UG/KG	8082	05/12/2006 21:40	DW
Aroclor 1260	340		22	UG/KG	8082	05/12/2006 21:40	DW

Sample ID: B13 41-48
Lab Sample ID: A6502814
Date Collected: 05/04/2006
Time Collected: 13:45

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1221	ND		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1232	ND		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1242	ND		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1248	32		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1254	ND		20	UG/KG	8082	05/12/2006 20:47	DW
Aroclor 1260	180		20	UG/KG	8082	05/12/2006 20:47	DW

Sample ID: B13 VOC 5-43
Lab Sample ID: A6502813
Date Collected: 05/04/2006
Time Collected: 13:40

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,1,2,2-Tetrachloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,1,2-Trichloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,1-Dichloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,1-Dichloroethene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,2-Dichloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
1,2-Dichloroethene (Total)	ND		15	UG/KG	8260	05/08/2006 21:55	JLG
1,2-Dichloropropane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
2-Butanone	ND		37	UG/KG	8260	05/08/2006 21:55	JLG
2-Hexanone	ND		37	UG/KG	8260	05/08/2006 21:55	JLG
4-Methyl-2-pentanone	ND		37	UG/KG	8260	05/08/2006 21:55	JLG
Acetone	40		37	UG/KG	8260	05/08/2006 21:55	JLG
Benzene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Bromodichloromethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Bromoform	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Bromomethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Carbon Disulfide	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Carbon Tetrachloride	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Chlorobenzene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Chloroethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Chloroform	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Chloromethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
cis-1,3-Dichloropropene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Dibromochloromethane	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Ethylbenzene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Methylene chloride	8	B	7	UG/KG	8260	05/08/2006 21:55	JLG
Styrene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Tetrachloroethene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Toluene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Total Xylenes	ND		22	UG/KG	8260	05/08/2006 21:55	JLG
trans-1,3-Dichloropropene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Trichloroethene	ND		7	UG/KG	8260	05/08/2006 21:55	JLG
Vinyl acetate	ND		37	UG/KG	8260	05/08/2006 21:55	JLG
Vinyl chloride	ND		15	UG/KG	8260	05/08/2006 21:55	JLG

Sample ID: B14 35-39
Lab Sample ID: A6502819
Date Collected: 05/04/2006
Time Collected: 14:50

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1221	ND		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1232	ND		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1242	ND		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1248	ND		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1254	4800		1000	UG/KG	8082	05/12/2006 21:57	DW
Aroclor 1260	3000		1000	UG/KG	8082	05/12/2006 21:57	DW

Sample ID: B14 VOC 4-39
Lab Sample ID: A6502818
Date Collected: 05/04/2006
Time Collected: 14:45

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
1,2-Dichloroethene (Total)	ND		12	UG/KG	8260	05/08/2006 22:24	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
2-Butanone	44		31	UG/KG	8260	05/08/2006 22:24	JLG
2-Hexanone	ND		31	UG/KG	8260	05/08/2006 22:24	JLG
4-Methyl-2-pentanone	ND		31	UG/KG	8260	05/08/2006 22:24	JLG
Acetone	220		31	UG/KG	8260	05/08/2006 22:24	JLG
Benzene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Bromoform	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Bromomethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Carbon Disulfide	3	J	6	UG/KG	8260	05/08/2006 22:24	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Chlorobenzene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Chloroethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Chloroform	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Chloromethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Ethylbenzene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Methylene chloride	8	B	6	UG/KG	8260	05/08/2006 22:24	JLG
Styrene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Tetrachloroethene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Toluene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Total Xylenes	5	J	19	UG/KG	8260	05/08/2006 22:24	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Trichloroethene	ND		6	UG/KG	8260	05/08/2006 22:24	JLG
Vinyl acetate	ND		31	UG/KG	8260	05/08/2006 22:24	JLG
Vinyl chloride	ND		12	UG/KG	8260	05/08/2006 22:24	JLG

Sample ID: B15 9-39
Lab Sample ID: A6502901
Date Collected: 05/04/2006
Time Collected: 15:25

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1221	ND		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1232	ND		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1242	ND		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1248	100		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1254	ND		39	UG/KG	8082	05/15/2006 22:37	LMW
Aroclor 1260	330		39	UG/KG	8082	05/15/2006 22:37	LMW

Sample ID: B16 32-37
Lab Sample ID: A6502820
Date Collected: 05/04/2006
Time Collected: 15:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1221	ND		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1232	ND		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1242	ND		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1248	ND		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1254	27000		4000	UG/KG	8082	05/12/2006 22:51	DW
Aroclor 1260	25000		4000	UG/KG	8082	05/12/2006 22:51	DW

Sample ID: B17 30-38
Lab Sample ID: A6502904
Date Collected: 05/04/2006
Time Collected: 15:55

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1221	ND		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1232	ND		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1242	ND		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1248	280		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1254	ND		210	UG/KG	8082	05/15/2006 22:55	LMW
Aroclor 1260	1600		210	UG/KG	8082	05/15/2006 22:55	LMW

Sample ID: B17 VOC 38-46
Lab Sample ID: A6502903
Date Collected: 05/04/2006
Time Collected: 15:50

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
1,2-Dichloroethene (Total)	ND		12	UG/KG	8260	05/09/2006 04:14	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
2-Butanone	ND		31	UG/KG	8260	05/09/2006 04:14	JLG
2-Hexanone	ND		31	UG/KG	8260	05/09/2006 04:14	JLG
4-Methyl-2-pentanone	ND		31	UG/KG	8260	05/09/2006 04:14	JLG
Acetone	26	J	31	UG/KG	8260	05/09/2006 04:14	JLG
Benzene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Bromoform	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Bromomethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Carbon Disulfide	3	J	6	UG/KG	8260	05/09/2006 04:14	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Chlorobenzene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Chloroethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Chloroform	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Chloromethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Ethylbenzene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Methylene chloride	4	BJ	6	UG/KG	8260	05/09/2006 04:14	JLG
Styrene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Tetrachloroethene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Toluene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Total Xylenes	ND		19	UG/KG	8260	05/09/2006 04:14	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Trichloroethene	ND		6	UG/KG	8260	05/09/2006 04:14	JLG
Vinyl acetate	ND		31	UG/KG	8260	05/09/2006 04:14	JLG
Vinyl chloride	ND		12	UG/KG	8260	05/09/2006 04:14	JLG

Sample ID: B18 5-23
Lab Sample ID: A6502906
Date Collected: 05/04/2006
Time Collected: 16:25

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1221	ND		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1232	ND		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1242	ND		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1248	9900		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1254	ND		2000	UG/KG	8082	05/15/2006 23:31	LMW
Aroclor 1260	17000		2000	UG/KG	8082	05/15/2006 23:31	LMW

Sample ID: B19 8-40
Lab Sample ID: A6502908
Date Collected: 05/04/2006
Time Collected: 16:40

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1221	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1232	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1242	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1248	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1254	ND		1900	UG/KG	8082	05/15/2006 23:48	LMW
Aroclor 1260	19000		1900	UG/KG	8082	05/15/2006 23:48	LMW

Sample ID: B19 VOC 8-36
Lab Sample ID: A6502907
Date Collected: 05/04/2006
Time Collected: 16:35

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
1,2-Dichloroethene (Total)	ND		11	UG/KG	8260	05/09/2006 04:43	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
2-Butanone	32		28	UG/KG	8260	05/09/2006 04:43	JLG
2-Hexanone	ND		28	UG/KG	8260	05/09/2006 04:43	JLG
4-Methyl-2-pentanone	ND		28	UG/KG	8260	05/09/2006 04:43	JLG
Acetone	170		28	UG/KG	8260	05/09/2006 04:43	JLG
Benzene	10		6	UG/KG	8260	05/09/2006 04:43	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Bromoform	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Bromomethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Carbon Disulfide	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Chlorobenzene	490	E	6	UG/KG	8260	05/09/2006 04:43	JLG
Chloroethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Chloroform	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Chloromethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Ethylbenzene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Methylene chloride	2	BJ	6	UG/KG	8260	05/09/2006 04:43	JLG
Styrene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Tetrachloroethene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Toluene	3	J	6	UG/KG	8260	05/09/2006 04:43	JLG
Total Xylenes	5	J	17	UG/KG	8260	05/09/2006 04:43	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Trichloroethene	ND		6	UG/KG	8260	05/09/2006 04:43	JLG
Vinyl acetate	ND		28	UG/KG	8260	05/09/2006 04:43	JLG
Vinyl chloride	ND		11	UG/KG	8260	05/09/2006 04:43	JLG

Sample ID: B19 VOC 8-36
Lab Sample ID: A6502907DL
Date Collected: 05/04/2006
Time Collected: 16:35

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,1,2,2-Tetrachloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,1,2-Trichloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,1-Dichloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,1-Dichloroethene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,2-Dichloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
1,2-Dichloroethene (Total)	ND		570	UG/KG	8260	05/10/2006 15:30	LH
1,2-Dichloropropane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
2-Butanone	ND		1400	UG/KG	8260	05/10/2006 15:30	LH
2-Hexanone	ND		1400	UG/KG	8260	05/10/2006 15:30	LH
4-Methyl-2-pentanone	ND		1400	UG/KG	8260	05/10/2006 15:30	LH
Acetone	ND		1400	UG/KG	8260	05/10/2006 15:30	LH
Benzene	200	DJ	290	UG/KG	8260	05/10/2006 15:30	LH
Bromodichloromethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Bromoform	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Bromomethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Carbon Disulfide	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Carbon Tetrachloride	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Chlorobenzene	26000	D	290	UG/KG	8260	05/10/2006 15:30	LH
Chloroethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Chloroform	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Chloromethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
cis-1,3-Dichloropropene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Dibromochloromethane	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Ethylbenzene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Methylene chloride	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Styrene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Tetrachloroethene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Toluene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Total Xylenes	ND		860	UG/KG	8260	05/10/2006 15:30	LH
trans-1,3-Dichloropropene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Trichloroethene	ND		290	UG/KG	8260	05/10/2006 15:30	LH
Vinyl acetate	ND		1400	UG/KG	8260	05/10/2006 15:30	LH
Vinyl chloride	ND		570	UG/KG	8260	05/10/2006 15:30	LH

Sample ID: B2 21-27
Lab Sample ID: A6502803
Date Collected: 05/04/2006
Time Collected: 09:40

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1221	ND		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1232	ND		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1242	ND		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1248	390		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1254	2500		200	UG/KG	8082	05/12/2006 16:56	DW
Aroclor 1260	1500		200	UG/KG	8082	05/12/2006 16:56	DW

Sample ID: B20 8-35
Lab Sample ID: A6502905
Date Collected: 05/04/2006
Time Collected: 16:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1221	ND		21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1232	ND		21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1242	ND		21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1248	16	J	21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1254	ND		21	UG/KG	8082	05/15/2006 23:13	LMW
Aroclor 1260	ND		21	UG/KG	8082	05/15/2006 23:13	LMW

Sample ID: B21 0-24
Lab Sample ID: A6502912
Date Collected: 05/05/2006
Time Collected: 10:10

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1221	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1232	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1242	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1248	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1254	ND		21000	UG/KG	8082	05/16/2006 00:06	LMW
Aroclor 1260	230000		21000	UG/KG	8082	05/16/2006 00:06	LMW

Sample ID: B21 VOC 24-48
Lab Sample ID: A6502913
Date Collected: 05/05/2006
Time Collected: 10:20

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
1,2-Dichloroethene (Total)	6	J	13	UG/KG	8260	05/09/2006 05:41	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
2-Butanone	20	J	32	UG/KG	8260	05/09/2006 05:41	JLG
2-Hexanone	ND		32	UG/KG	8260	05/09/2006 05:41	JLG
4-Methyl-2-pentanone	ND		32	UG/KG	8260	05/09/2006 05:41	JLG
Acetone	77		32	UG/KG	8260	05/09/2006 05:41	JLG
Benzene	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Bromoform	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Bromomethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Carbon Disulfide	4	J	6	UG/KG	8260	05/09/2006 05:41	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Chlorobenzene	3	J	6	UG/KG	8260	05/09/2006 05:41	JLG
Chloroethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Chloroform	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Chloromethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Ethylbenzene	2	J	6	UG/KG	8260	05/09/2006 05:41	JLG
Methylene chloride	3	BJ	6	UG/KG	8260	05/09/2006 05:41	JLG
Styrene	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Tetrachloroethene	11		6	UG/KG	8260	05/09/2006 05:41	JLG
Toluene	3	J	6	UG/KG	8260	05/09/2006 05:41	JLG
Total Xylenes	11	J	20	UG/KG	8260	05/09/2006 05:41	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 05:41	JLG
Trichloroethene	3	J	6	UG/KG	8260	05/09/2006 05:41	JLG
Vinyl acetate	ND		32	UG/KG	8260	05/09/2006 05:41	JLG
Vinyl chloride	7	J	13	UG/KG	8260	05/09/2006 05:41	JLG

Sample ID: B22 SVOC 24-48
Lab Sample ID: A6502911
Date Collected: 05/05/2006
Time Collected: 09:35

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2,4,5-Trichlorophenol	ND		10000	UG/KG	8270	05/15/2006 18:51	MRF
2,4,6-Trichlorophenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2,4-Dichlorophenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2,4-Dimethylphenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2,4-Dinitrophenol	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
2,4-Dinitrotoluene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2,6-Dinitrotoluene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2-Chloronaphthalene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2-Chlorophenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2-Methylnaphthalene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2-Methylphenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
2-Nitroaniline	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
2-Nitrophenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
3,3'-Dichlorobenzidine	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
3-Nitroaniline	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
4,6-Dinitro-2-methylphenol	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
4-Bromophenyl phenyl ether	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
4-Chloro-3-methylphenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
4-Chloroaniline	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
4-Chlorophenyl phenyl ether	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
4-Methylphenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
4-Nitroaniline	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
4-Nitrophenol	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
Acenaphthene	260	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Acenaphthylene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Acetophenone	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Anthracene	830	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Atrazine	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzaldehyde	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzo(a)anthracene	2100	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzo(a)pyrene	1700	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzo(b)fluoranthene	2700	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzo(ghi)perylene	1000	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Benzo(k)fluoranthene	2700	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Biphenyl	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Bis(2-chloroethoxy) methane	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Bis(2-chloroethyl) ether	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Bis(2-ethylhexyl) phthalate	1200	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Butyl benzyl phthalate	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Caprolactam	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Carbazole	300	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Chrysene	1900	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Di-n-butyl phthalate	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Di-n-octyl phthalate	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Dibenzo(a,h)anthracene	360	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Dibenzofuran	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Diethyl phthalate	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Dimethyl phthalate	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF

Sample ID: B22 SVOC 24-48
Lab Sample ID: A6502911
Date Collected: 05/05/2006
Time Collected: 09:35

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	4200		4200	UG/KG	8270	05/15/2006 18:51	MRF
Fluorene	320	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Hexachlorobenzene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Hexachlorobutadiene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Hexachlorocyclopentadiene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Hexachloroethane	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Indeno(1,2,3-cd)pyrene	970	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Isophorone	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
N-Nitroso-Di-n-propylamine	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
N-nitrosodiphenylamine	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Naphthalene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Nitrobenzene	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Pentachlorophenol	ND		20000	UG/KG	8270	05/15/2006 18:51	MRF
Phenanthrene	3100	J	4200	UG/KG	8270	05/15/2006 18:51	MRF
Phenol	ND		4200	UG/KG	8270	05/15/2006 18:51	MRF
Pyrene	3500	J	4200	UG/KG	8270	05/15/2006 18:51	MRF

Sample ID: B22 VOC 0-24
Lab Sample ID: A6502910
Date Collected: 05/05/2006
Time Collected: 09:20

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
1,2-Dichloroethene (Total)	ND		12	UG/KG	8260	05/09/2006 05:12	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
2-Butanone	ND		30	UG/KG	8260	05/09/2006 05:12	JLG
2-Hexanone	ND		30	UG/KG	8260	05/09/2006 05:12	JLG
4-Methyl-2-pentanone	ND		30	UG/KG	8260	05/09/2006 05:12	JLG
Acetone	6	J	30	UG/KG	8260	05/09/2006 05:12	JLG
Benzene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Bromoform	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Bromomethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Carbon Disulfide	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Chlorobenzene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Chloroethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Chloroform	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Chloromethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Ethylbenzene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Methylene chloride	2	BJ	6	UG/KG	8260	05/09/2006 05:12	JLG
Styrene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Tetrachloroethene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Toluene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Total Xylenes	ND		18	UG/KG	8260	05/09/2006 05:12	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Trichloroethene	ND		6	UG/KG	8260	05/09/2006 05:12	JLG
Vinyl acetate	ND		30	UG/KG	8260	05/09/2006 05:12	JLG
Vinyl chloride	ND		12	UG/KG	8260	05/09/2006 05:12	JLG

Sample ID: B23 24-48
Lab Sample ID: A6502915
Date Collected: 05/05/2006
Time Collected: 11:00

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1221	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1232	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1242	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1248	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1254	ND		120	UG/KG	8082	05/16/2006 01:35	LMW
Aroclor 1260	2200		120	UG/KG	8082	05/16/2006 01:35	LMW

Sample ID: B23 VOC 0-24
Lab Sample ID: A6502914
Date Collected: 05/05/2006
Time Collected: 10:45

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,1,2,2-Tetrachloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,1,2-Trichloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,1-Dichloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,1-Dichloroethene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,2-Dichloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
1,2-Dichloroethene (Total)	ND		14	UG/KG	8260	05/09/2006 06:11	JLG
1,2-Dichloropropane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
2-Butanone	ND		34	UG/KG	8260	05/09/2006 06:11	JLG
2-Hexanone	ND		34	UG/KG	8260	05/09/2006 06:11	JLG
4-Methyl-2-pentanone	ND		34	UG/KG	8260	05/09/2006 06:11	JLG
Acetone	33	J	34	UG/KG	8260	05/09/2006 06:11	JLG
Benzene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Bromodichloromethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Bromoform	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Bromomethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Carbon Disulfide	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Carbon Tetrachloride	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Chlorobenzene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Chloroethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Chloroform	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Chloromethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
cis-1,3-Dichloropropene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Dibromochloromethane	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Ethylbenzene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Methylene chloride	4	BJ	7	UG/KG	8260	05/09/2006 06:11	JLG
Styrene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Tetrachloroethene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Toluene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Total Xylenes	ND		20	UG/KG	8260	05/09/2006 06:11	JLG
trans-1,3-Dichloropropene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Trichloroethene	ND		7	UG/KG	8260	05/09/2006 06:11	JLG
Vinyl acetate	ND		34	UG/KG	8260	05/09/2006 06:11	JLG
Vinyl chloride	ND		14	UG/KG	8260	05/09/2006 06:11	JLG

Sample ID: B24 0-48
Lab Sample ID: A6502916
Date Collected: 05/05/2006
Time Collected: 11:20

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1221	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1232	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1242	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1248	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1254	ND		21	UG/KG	8082	05/16/2006 01:53	LMW
Aroclor 1260	270		21	UG/KG	8082	05/16/2006 01:53	LMW

Sample ID: B3 31-35
Lab Sample ID: A6502801
Date Collected: 05/04/2006
Time Collected: 09:10

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1221	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1232	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1242	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1248	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1254	ND		180	UG/KG	8082	05/12/2006 16:20	DW
Aroclor 1260	3700		180	UG/KG	8082	05/12/2006 16:20	DW

Sample ID: B4 18-24
Lab Sample ID: A6502802
Date Collected: 05/04/2006
Time Collected: 09:20

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1221	ND		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1232	ND		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1242	ND		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1248	2200		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1254	14000		1700	UG/KG	8082	05/12/2006 16:38	DW
Aroclor 1260	21000		1700	UG/KG	8082	05/12/2006 16:38	DW

Sample ID: B5 32-37
Lab Sample ID: A6502804
Date Collected: 05/04/2006
Time Collected: 09:55

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1221	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1232	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1242	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1248	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1254	ND		2000	UG/KG	8082	05/12/2006 17:49	DW
Aroclor 1260	41000		2000	UG/KG	8082	05/12/2006 17:49	DW

Sample ID: B5 48-56
Lab Sample ID: A6502805
Date Collected: 05/04/2006
Time Collected: 10:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1221	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1232	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1242	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1248	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1254	ND		2300	UG/KG	8082	05/12/2006 18:07	DW
Aroclor 1260	30000		2300	UG/KG	8082	05/12/2006 18:07	DW

Sample ID: B6 28-38
Lab Sample ID: A6502810
Date Collected: 05/04/2006
Time Collected: 11:45

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1221	ND		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1232	ND		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1242	ND		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1248	1700		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1254	6600		1200	UG/KG	8082	05/12/2006 19:53	DW
Aroclor 1260	9200		1200	UG/KG	8082	05/12/2006 19:53	DW

Sample ID: B6 VOC
Lab Sample ID: A6502809
Date Collected: 05/04/2006
Time Collected: 11:50

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8260 - TCL VOLATI							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,1,2-Trichloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,1-Dichloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,1-Dichloroethene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,2-Dichloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
1,2-Dichloroethene (Total)	ND		13	UG/KG	8260	05/08/2006 21:26	JLG
1,2-Dichloropropane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
2-Butanone	11	J	32	UG/KG	8260	05/08/2006 21:26	JLG
2-Hexanone	ND		32	UG/KG	8260	05/08/2006 21:26	JLG
4-Methyl-2-pentanone	ND		32	UG/KG	8260	05/08/2006 21:26	JLG
Acetone	75		32	UG/KG	8260	05/08/2006 21:26	JLG
Benzene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Bromodichloromethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Bromoform	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Bromomethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Carbon Disulfide	2	J	6	UG/KG	8260	05/08/2006 21:26	JLG
Carbon Tetrachloride	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Chlorobenzene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Chloroethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Chloroform	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Chloromethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Dibromochloromethane	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Ethylbenzene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Methylene chloride	8	B	6	UG/KG	8260	05/08/2006 21:26	JLG
Styrene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Tetrachloroethene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Toluene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Total Xylenes	ND		19	UG/KG	8260	05/08/2006 21:26	JLG
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Trichloroethene	ND		6	UG/KG	8260	05/08/2006 21:26	JLG
Vinyl acetate	ND		32	UG/KG	8260	05/08/2006 21:26	JLG
Vinyl chloride	ND		13	UG/KG	8260	05/08/2006 21:26	JLG

Sample ID: B7 32-37
Lab Sample ID: A6502808
Date Collected: 05/04/2006
Time Collected: 11:15

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1221	ND		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1232	ND		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1242	ND		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1248	5600		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1254	ND		4000	UG/KG	8082	05/12/2006 19:36	DW
Aroclor 1260	65000		4000	UG/KG	8082	05/12/2006 19:36	DW

Sample ID: B8 37-42
Lab Sample ID: A6502807
Date Collected: 05/04/2006
Time Collected: 11:00

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1221	ND		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1232	ND		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1242	ND		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1248	440		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1254	ND		390	UG/KG	8082	05/12/2006 19:18	DW
Aroclor 1260	3200		390	UG/KG	8082	05/12/2006 19:18	DW

Sample ID: B9 23-28
Lab Sample ID: A6502815
Date Collected: 05/04/2006
Time Collected: 13:30

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1221	ND		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1232	ND		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1242	ND		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1248	4600		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1254	16000		2100	UG/KG	8082	05/12/2006 21:04	DW
Aroclor 1260	7100		2100	UG/KG	8082	05/12/2006 21:04	DW

Sample ID: B9 5-9
Lab Sample ID: A6502812
Date Collected: 05/04/2006
Time Collected: 13:25

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1221	ND		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1232	ND		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1242	ND		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1248	ND		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1254	34000		3800	UG/KG	8082	05/12/2006 20:29	DW
Aroclor 1260	25000		3800	UG/KG	8082	05/12/2006 20:29	DW

Sample ID: COLLECTION SUMP
Lab Sample ID: A6503002
Date Collected: 05/02/2006
Time Collected: 13:45

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-AQ-SW8463 8082 - PCBS							
Aroclor 1016	ND		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1221	ND		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1232	ND		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1242	ND		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1248	5.9		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1254	ND		4.8	UG/L	8082	05/09/2006 11:48	DW
Aroclor 1260	82		4.8	UG/L	8082	05/09/2006 11:48	DW

Sample ID: COMPOSITE AREA A
Lab Sample ID: A6502902
Date Collected: 05/04/2006
Time Collected: 15:30

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2,4,5-Trichlorophenol	ND		17000	UG/KG	8270	05/15/2006 18:01	MRF
2,4,6-Trichlorophenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2,4-Dichlorophenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2,4-Dimethylphenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2,4-Dinitrophenol	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
2,4-Dinitrotoluene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2,6-Dinitrotoluene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2-Chloronaphthalene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2-Chlorophenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2-Methylnaphthalene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2-Methylphenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
2-Nitroaniline	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
2-Nitrophenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
3,3'-Dichlorobenzidine	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
3-Nitroaniline	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
4,6-Dinitro-2-methylphenol	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
4-Bromophenyl phenyl ether	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
4-Chloro-3-methylphenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
4-Chloroaniline	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
4-Chlorophenyl phenyl ether	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
4-Methylphenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
4-Nitroaniline	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
4-Nitrophenol	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
Acenaphthene	1200	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Acenaphthylene	440	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Acetophenone	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Anthracene	2300	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Atrazine	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzaldehyde	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzo(a)anthracene	4600	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzo(a)pyrene	3900	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzo(b)fluoranthene	5100	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzo(ghi)perylene	2600	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Benzo(k)fluoranthene	1600	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Biphenyl	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Bis(2-chloroethoxy) methane	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Bis(2-chloroethyl) ether	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Bis(2-ethylhexyl) phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Butyl benzyl phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Caprolactam	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Carbazole	1300	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Chrysene	4100	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Di-n-butyl phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Di-n-octyl phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Dibenzo(a,h)anthracene	870	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Dibenzofuran	860	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Diethyl phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Dimethyl phthalate	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF

Sample ID: COMPOSITE AREA A
Lab Sample ID: A6502902
Date Collected: 05/04/2006
Time Collected: 15:30

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	10000		7200	UG/KG	8270	05/15/2006 18:01	MRF
Fluorene	1500	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Hexachlorobenzene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Hexachlorobutadiene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Hexachlorocyclopentadiene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Hexachloroethane	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Indeno(1,2,3-cd)pyrene	2400	J	7200	UG/KG	8270	05/15/2006 18:01	MRF
Isophorone	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
N-Nitroso-Di-n-propylamine	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
N-nitrosodiphenylamine	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Naphthalene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Nitrobenzene	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Pentachlorophenol	ND		35000	UG/KG	8270	05/15/2006 18:01	MRF
Phenanthrene	10000		7200	UG/KG	8270	05/15/2006 18:01	MRF
Phenol	ND		7200	UG/KG	8270	05/15/2006 18:01	MRF
Pyrene	8200		7200	UG/KG	8270	05/15/2006 18:01	MRF
Metals Analysis							
Arsenic - Total	8.6		2.1	MG/KG	6010	05/10/2006 04:33	TWS
Barium - Total	148		0.52	MG/KG	6010	05/10/2006 04:33	TWS
Cadmium - Total	3.4		0.21	MG/KG	6010	05/10/2006 04:33	TWS
Chromium - Total	26.0		0.52	MG/KG	6010	05/10/2006 04:33	TWS
Lead - Total	423		1.0	MG/KG	6010	05/10/2006 04:33	TWS
Mercury - Total	1.3		0.11	MG/KG	7471	05/13/2006 13:33	LH
Selenium - Total	ND		4.2	MG/KG	6010	05/10/2006 04:33	TWS
Silver - Total	0.62		0.52	MG/KG	6010	05/10/2006 04:33	TWS
TCLP Metals Analysis							
Arsenic - Total	ND		0.010	MG/L	6010	05/12/2006 06:26	TWS
Barium - Total	0.72		0.0020	MG/L	6010	05/12/2006 06:26	TWS
Cadmium - Total	0.0074		0.0010	MG/L	6010	05/12/2006 06:26	TWS
Chromium - Total	ND		0.0040	MG/L	6010	05/12/2006 06:26	TWS
Lead - Total	0.042		0.0050	MG/L	6010	05/12/2006 06:26	TWS
Mercury - Total	ND		0.00020	MG/L	7470	05/09/2006 11:44	LH
Selenium - Total	ND		0.015	MG/L	6010	05/12/2006 06:26	TWS
Silver - Total	ND		0.0030	MG/L	6010	05/12/2006 06:26	TWS
Wet Chemistry Analysis							
Corrosivity (pH)	7.95		0	S.U.	9045	05/10/2006 11:55	KD
Flashpoint	>200		0	°F	1010	05/09/2006 16:00	SM

Sample ID: COMPOSITE AREA B
Lab Sample ID: A6502909
Date Collected: 05/04/2006
Time Collected: 16:55

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2,4,5-Trichlorophenol	ND		18000	UG/KG	8270	05/15/2006 18:26	MRF
2,4,6-Trichlorophenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2,4-Dichlorophenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2,4-Dimethylphenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2,4-Dinitrophenol	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
2,4-Dinitrotoluene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2,6-Dinitrotoluene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2-Chloronaphthalene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2-Chlorophenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2-Methylnaphthalene	820	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
2-Methylphenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
2-Nitroaniline	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
2-Nitrophenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
3,3'-Dichlorobenzidine	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
3-Nitroaniline	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
4,6-Dinitro-2-methylphenol	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
4-Bromophenyl phenyl ether	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
4-Chloro-3-methylphenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
4-Chloroaniline	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
4-Chlorophenyl phenyl ether	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
4-Methylphenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
4-Nitroaniline	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
4-Nitrophenol	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
Acenaphthene	1700	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Acenaphthylene	610	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Acetophenone	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Anthracene	2800	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Atrazine	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzaldehyde	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzo(a)anthracene	4900	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzo(a)pyrene	4200	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzo(b)fluoranthene	5100	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzo(ghi)perylene	2800	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Benzo(k)fluoranthene	1600	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Biphenyl	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Bis(2-chloroethoxy) methane	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Bis(2-chloroethyl) ether	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Bis(2-ethylhexyl) phthalate	1200	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Butyl benzyl phthalate	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Caprolactam	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Carbazole	970	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Chrysene	4100	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Di-n-butyl phthalate	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Di-n-octyl phthalate	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Dibenzo(a,h)anthracene	890	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Dibenzofuran	1500	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Diethyl phthalate	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Dimethyl phthalate	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF

Sample ID: COMPOSITE AREA B
Lab Sample ID: A6502909
Date Collected: 05/04/2006
Time Collected: 16:55

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	9900		7400	UG/KG	8270	05/15/2006 18:26	MRF
Fluorene	2200	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Hexachlorobenzene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Hexachlorobutadiene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Hexachlorocyclopentadiene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Hexachloroethane	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Indeno(1,2,3-cd)pyrene	2500	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Isophorone	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
N-Nitroso-Di-n-propylamine	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
N-nitrosodiphenylamine	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Naphthalene	1800	J	7400	UG/KG	8270	05/15/2006 18:26	MRF
Nitrobenzene	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Pentachlorophenol	ND		36000	UG/KG	8270	05/15/2006 18:26	MRF
Phenanthrene	10000		7400	UG/KG	8270	05/15/2006 18:26	MRF
Phenol	ND		7400	UG/KG	8270	05/15/2006 18:26	MRF
Pyrene	8000		7400	UG/KG	8270	05/15/2006 18:26	MRF
Metals Analysis							
Arsenic - Total	41.6		2.3	MG/KG	6010	05/10/2006 04:59	TWS
Barium - Total	388		0.57	MG/KG	6010	05/10/2006 04:59	TWS
Cadmium - Total	6.9		0.23	MG/KG	6010	05/10/2006 04:59	TWS
Chromium - Total	1090		0.57	MG/KG	6010	05/10/2006 04:59	TWS
Lead - Total	1200		1.1	MG/KG	6010	05/10/2006 04:59	TWS
Mercury - Total	1.3		0.10	MG/KG	7471	05/13/2006 13:34	LH
Selenium - Total	13.2		4.6	MG/KG	6010	05/10/2006 04:59	TWS
Silver - Total	2.3		0.57	MG/KG	6010	05/10/2006 04:59	TWS
TCLP Metals Analysis							
Arsenic - Total	ND		0.010	MG/L	6010	05/12/2006 08:09	TWS
Barium - Total	0.85		0.0020	MG/L	6010	05/12/2006 08:09	TWS
Cadmium - Total	0.011		0.0010	MG/L	6010	05/12/2006 08:09	TWS
Chromium - Total	ND		0.0040	MG/L	6010	05/12/2006 08:09	TWS
Lead - Total	0.11		0.0050	MG/L	6010	05/12/2006 08:09	TWS
Mercury - Total	ND		0.00020	MG/L	7470	05/09/2006 11:27	LH
Selenium - Total	ND		0.015	MG/L	6010	05/12/2006 08:09	TWS
Silver - Total	ND		0.0030	MG/L	6010	05/12/2006 08:09	TWS
Wet Chemistry Analysis							
Corrosivity (pH)	9.05		0	S.U.	9045	05/10/2006 11:55	KD
Flashpoint	>200		0	°F	1010	05/09/2006 16:00	SM

Sample ID: DI SEDIMENT
Lab Sample ID: A6502816
Date Collected: 05/04/2006
Time Collected: 14:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1221	ND		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1232	ND		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1242	ND		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1248	3600		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1254	9600		2000	UG/KG	8082	05/12/2006 21:22	DW
Aroclor 1260	19000		2000	UG/KG	8082	05/12/2006 21:22	DW

Sample ID: FLOOR DUST
Lab Sample ID: A6503101
Date Collected: 05/05/2006
Time Collected: 11:50

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1221	ND		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1232	ND		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1242	ND		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1248	54000		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1254	190000		17000	UG/KG	8082	05/16/2006 02:11	LMW
Aroclor 1260	100000		17000	UG/KG	8082	05/16/2006 02:11	LMW

Sample ID: OWS MANHOLE
Lab Sample ID: A6503003
Date Collected: 05/02/2006
Time Collected: 14:30

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-AQ-SW8463 8082 - PCBS							
Aroclor 1016	ND		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1221	ND		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1232	ND		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1242	ND		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1248	4.2		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1254	ND		2.4	UG/L	8082	05/09/2006 12:06	DW
Aroclor 1260	14		2.4	UG/L	8082	05/09/2006 12:06	DW

Sample ID: SURFACE SAMPLE-FENCE
Lab Sample ID: A6503006
Date Collected: 05/02/2006
Time Collected: 14:10

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1221	ND		2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1232	ND		2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1242	ND		2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1248	1700	J	2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1254	ND		2000	UG/KG	8082	05/09/2006 16:19	GFD
Aroclor 1260	15000		2000	UG/KG	8082	05/09/2006 16:19	GFD

Sample ID: SURFACE SOIL-FILL AR
Lab Sample ID: A6503007
Date Collected: 05/02/2006
Time Collected: 15:00

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1221	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1232	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1242	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1248	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1254	ND		1900	UG/KG	8082	05/09/2006 16:38	GFD
Aroclor 1260	32000		1900	UG/KG	8082	05/09/2006 16:38	GFD

Sample ID: SURFACE SOIL-MH
Lab Sample ID: A6503005
Date Collected: 05/02/2006
Time Collected: 14:00

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1221	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1232	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1242	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1248	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1254	ND		1000	UG/KG	8082	05/09/2006 16:01	GFD
Aroclor 1260	7400		1000	UG/KG	8082	05/09/2006 16:01	GFD

Sample ID: TANK CONTAINMENT
Lab Sample ID: A6503001
Date Collected: 05/02/2006
Time Collected: 13:05

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-AQ-SW8463 8082 - PCBS							
Aroclor 1016	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1221	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1232	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1242	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1248	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1254	ND		0.47	UG/L	8082	05/09/2006 11:30	DW
Aroclor 1260	0.38	J	0.47	UG/L	8082	05/09/2006 11:30	DW

Sample ID: TANK CONTAINMENT SED
Lab Sample ID: A6503004
Date Collected: 05/02/2006
Time Collected: 13:25

Date Received: 05/03/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1221	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1232	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1242	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1248	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1254	ND		1400	UG/KG	8082	05/11/2006 21:36	GFD
Aroclor 1260	14000		1400	UG/KG	8082	05/11/2006 21:36	GFD

Sample ID: WIPE 1
Lab Sample ID: A6503102
Date Collected: 05/05/2006
Time Collected: 11:55

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - WIPE-SW8463 8082 - PCBS							
Aroclor 1016	ND		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1221	ND		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1232	ND		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1242	ND		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1248	ND		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1254	480		50	UG/WIPE	8082W	05/08/2006 17:27	LD
Aroclor 1260	400		50	UG/WIPE	8082W	05/08/2006 17:27	LD

Sample ID: WIPE 2
Lab Sample ID: A6503103
Date Collected: 05/05/2006
Time Collected: 12:00

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - WIPE-SW8463 8082 - PCBS							
Aroclor 1016	ND		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1221	ND		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1232	ND		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1242	ND		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1248	ND		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1254	300		100	UG/WIPE	8082W	05/08/2006 17:47	LD
Aroclor 1260	380		100	UG/WIPE	8082W	05/08/2006 17:47	LD

Sample ID: WIPE 3
Lab Sample ID: A6503104
Date Collected: 05/05/2006
Time Collected: 12:05

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - WIPE-SW8463 8082 - PCBS							
Aroclor 1016	ND		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1221	ND		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1232	ND		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1242	ND		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1248	ND		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1254	1400		250	UG/WIPE	8082W	05/08/2006 18:07	LD
Aroclor 1260	1900		250	UG/WIPE	8082W	05/08/2006 18:07	LD

Sample ID: WIPE 4
Lab Sample ID: A6503105
Date Collected: 05/05/2006
Time Collected: 12:10

Date Received: 05/05/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - WIPE-SW8463 8082 - PCBS							
Aroclor 1016	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1221	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1232	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1242	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1248	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1254	630		250	UG/WIPE	8082W	05/08/2006 18:26	LD
Aroclor 1260	ND		250	UG/WIPE	8082W	05/08/2006 18:26	LD

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC REGION 9 DER	Project Manager: GENE MELNYK	Date: 5/3/06	Chain of Custody Number: 252289
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716/851-7220 / 851-7226 Fax	Lab Number:	Page 1 of 1
City: BUFFALO / State: NY / Zip Code: 14203	Site Contact: D. Szymanski / Gene	Lab Contact: B. Fischer	
Project Name and Location (State): 915115 - BENGAR & MEMEL, BUFFALO, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: C200305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs 8082	Special Instructions/ Conditions of Receipt
TANK CONTAINMENT	5/2/06	1305hrs		✓			GA						✓	NOTE - PLEASE HOLD FOR Additional SAMPLES DUE 5/5/06. -DS
COLLECTION SUMP		1345hrs		✓			GA						✓	
OWS MANHOLE		1430hrs.		✓			GA						✓	
TANK CONTAINMENT SEDIMENT		1325hrs			✓		GN						✓	
SURFACE SOIL - MH		1400hrs				✓	GN						✓	
SURFACE SAMPLE - FENCE		1410hrs				✓	GN						✓	
SURFACE SOIL - FILL AREA		1500hrs				✓	GN						✓	

Possible Hazard Identification: PCBs < 50 ppm
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD 30 DAY NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/3/06		1. Received By: M. Bell STL BUFFALO	1210	5/3/06
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: @2.0°C

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

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC R9 DER	Project Manager: GENE MELNYK	Date: 5/5/06	Chain of Custody Number: 252290
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226 fax	Lab Number:	Page 1 of 4
City: BUFFALO / State: NY / Zip Code: 14203-2999	Site Contact: D. SZYMANSKI	Lab Contact: B. Fischer	
Project Name and Location (State): 915115 - BENGART + MEMEL - NY	Carrier/Waybill Number:		
Contract/~~Purchase Order/Quote No.~~: C200305			

Analysis (Attach list if more space is needed): PCB 8082; TCL VSA 8260

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	PCB 8082	TCL VSA 8260
B3 31"-35"		0910				✓	1						✓	
B4 18"-24"		0920				✓	1						✓	
B2 21"-27"		0940				✓	1						✓	
B5 32"-37"		0955				✓	1						✓	
B5 48"-56"		1005				✓	1						✓	
B1 16"-24"		1030				✓	1						✓	
B8 37"-42"		1100				✓	1						✓	
B7 32"-37"		1115				✓	1						✓	
B6 VOC		1150				✓	1							✓
B6 28"-38"		1145				✓	1						✓	
B10 24"-28"		1305				✓	1						✓	
B9 5"-9"		1325				✓	1						✓	

Possible Hazard Identification: PCBS ≈ 50PPM or LESS

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STANDARD 30 DAY DEC

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/5/06	1305	1. Received By: [signature] SR	05/05/06	1305
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 2@3.0°C

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

64/67

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC R9 DER	Project Manager: GENE MELNYK	Date: 5/5/06	Chain of Custody Number: 252291
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226 fax	Lab Number:	Page 2 of 4
City: BUFFALO / State: NY / Zip Code: 14203-2999	Site Contact: D. Szymanski	Lab Contact: B. Fisher	
Project Name and Location (State): 9/15/15 - BENGART & MEMEC - NY	Carrier/Waybill Number:		
Contract/~~Purchase Order/Quote No.~~: C200305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCB 8082	TCL VOA 8260	RCRA METALS	TCLP METALS	TCL SVOC 8270	FLASH PT.	CORROSIVITY	Special Instructions/ Conditions of Receipt
B13 VOC 5"-43"	5/4/06	1340				✓	✓							✓						
B13 41"-48"		1345				✓	1						✓							
B9 23"-28"		1330				✓	1						✓							
DI SEDIMENT		1405				✓	1						✓							
B12 24"-29"		1425				✓	1						✓							
B14 VOC 4"-39"		1445				✓	1							✓						
B14 35"-39"		1450				✓	1						✓							
B16 32"-37"		1505				✓	1						✓							
B15 9"-39"		1525				✓	1						✓							
COMPOSITE - AREA "A"		1530				✓	5						~~✓~~		✓	✓	✓	✓	✓	
B17 VOC 38"-46"		1550				✓	1							✓						
~~B17~~ 30"-38"		1555				✓	1						✓							

Possible Hazard Identification: PCBs ≈ 50 ppm or less

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other 30 Day TAT Standard

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	5/5/06	1305	1. Received By GVE	05/05/06	1305
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 2@ 2.0°C

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

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC RP DER	Project Manager: Gene Melnyk	Date: 5/5/06	Chain of Custody Number: 252292
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226 fax	Lab Number:	Page 3 of 4
City: Buffalo / State: NY / Zip Code: 14203-2999	Site Contact: D. Szymanski	Lab Contact: B. Fischer	
Project Name and Location (State): 915115 - Bencart + Memel - NY	Carrier/Waybill Number:		
Contract/~~Purchase Order~~/~~Quote No.~~: C200305			

Analysis (Attach list if more space is needed): PCB 8082 / TCL VOC 8260 / TAL Metals / TCLP Metals / TCL SVOC 8270 / Total POST / Corrosivity

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH
B20 8"-35"	5/4/06	1605				✓	1					
B18 5"-23"		1625				✓	1					
B19 VOC 8"-36"		1635				✓	1					
B19 8"-40"		1640				✓	1					
COMPOSITE - AREA "B"		1655				✓	5					
B22 VOC 0"-24"	5/5/06	0920				✓	1					
B22 SVOC 24-48"		0935				✓	1					
B21 0-24"		1010				✓	1					
B21 VOC 24-48"		1020				✓	1					
B23 VOC 0"-24"		1045				✓	1					
B23 24"-48"		1100				✓	1					
B24 0-48"		1120				✓	1					

Possible Hazard Identification: PCBs ≥ 50ppm or less

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other 30 Day DEC Standard

QC Requirements (Specify):

1. Relinquished By: [signature]	Date: 5/8/06	Time: 1305	1. Received By: [signature] SRL	Date: 05/08/06	Time: 1305
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 2@3.0°C

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

66/67

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC R9 DER	Project Manager: GENE MEINYK	Date: 5-5-06	Chain of Custody Number: 252293
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226 FAX	Lab Number:	Page 4 of 4
City: BUFFALO	State: NY	Zip Code: 14203-2999	Site Contact: D. Szymanski
Lab Contact: B. Fisher			
Project Name and Location (State): 915115 BENGART & Memel NY	Carrier/Waybill Number:		
Contract/~~Purchase Order/Quote No.~~: C200305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs SOIL
FLOOR DUST	5-5-06	1150 hrs				✓	1						✓
WIPE 1		1155				✓	1						✓
WIPE 2		1200				✓	1						✓
WIPE 3		1205				✓	1						✓
WIPE 4		1210				✓	1						✓

Special Instructions/ Conditions of Receipt: WIPE SAMPLES

Possible Hazard Identification: PCBs ≅ 50PPM or Less

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STANDARD 30 Day

QC Requirements (Specify): NYSDEC

	Date	Time		Date	Time
1. Relinquished By	5/5/06	1305	1. Received By	05/05/06	1305
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 2 @ 2.0°C

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

67/67

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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

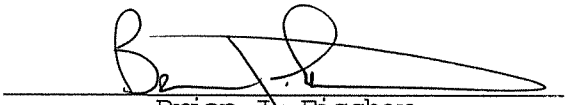
ANALYTICAL REPORT

Job#: A06-6259

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Bengart & Memel Site: 915115

Eugene Melnyk
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

STL Buffalo



Brian J. Fischer
Project Manager

06/19/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6625901	BUILDING SUMP	SOIL	05/31/2006	13:05	06/02/2006	15:55
A6625902	LOT EDGE AT BUILDING	SOIL	05/31/2006	13:20	06/02/2006	15:55
A6625903	LOT EDGE AT MW	SOIL	05/31/2006	13:30	06/02/2006	15:55
A6625906	LOT EDGE AT SW CORN.	SOIL	05/31/2006	14:10	06/02/2006	15:55
A6625904	NORTH FENCE AT GATE	SOIL	05/31/2006	13:50	06/02/2006	15:55
A6625905	SURFACE SOIL E.CONT.	SOIL	05/31/2006	14:00	06/02/2006	15:55

METHODS SUMMARY

Job#: A06-6259

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC-SPILLS- 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-6259

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-6259
Sample Cooler(s) were received at the following temperature(s); 7.2 °C
Samples were received at a temperature of 7.2° C. These samples were analyzed as per instructions from the client. Based on EPA data validation guidelines, there is no impact on data usability.

GC Extractable Data

For method 8082, manysamples required dilution prior to analysis due to the heavy matrix present or high concentration of target analytes. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

Metals Data

The LCS (Lot D051-540) recoveries for Aluminum, Antimony and Iron fell outside of the quality control limits, however, the LCS values were within the manufacturer's recommended acceptance limits. No corrective action was taken.

The analyte Zinc was detected in a bracketing CCB at a level above the project established reporting limit. However, all samples had levels of Zinc greater than ten times that of the Method Blank value, therefore, no corrective action was necessary.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

6-20-06
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BUILDING SUMP	A6625901	8082	100.00	008
LOT EDGE AT BUILDING	A6625902	8082	1000.00	008
LOT EDGE AT MW	A6625903	8082	200.00	008
NORTH FENCE AT GATE	A6625904	8082	20.00	008
SURFACE SOIL E.CONT.	A6625905	8082	20.00	008
LOT EDGE AT SW CORN.	A6625906	8082	100.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates 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 instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: BUILDING SUMP
Lab Sample ID: A6625901
Date Collected: 05/31/2006
Time Collected: 13:05

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1221	ND		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1232	ND		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1242	ND		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1248	ND		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1254	46000		5000	UG/KG	8082	06/08/2006 18:47	MAN
Aroclor 1260	45000		5000	UG/KG	8082	06/08/2006 18:47	MAN

Sample ID: LOT EDGE AT BUILDING
Lab Sample ID: A6625902
Date Collected: 05/31/2006
Time Collected: 13:20

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1221	ND		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1232	ND		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1242	ND		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1248	ND		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1254	38000		18000	UG/KG	8082	06/08/2006 19:26	MAN
Aroclor 1260	36000		18000	UG/KG	8082	06/08/2006 19:26	MAN

Sample ID: LOT EDGE AT MW
Lab Sample ID: A6625903
Date Collected: 05/31/2006
Time Collected: 13:30

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1221	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1232	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1242	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1248	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1254	ND		3600	UG/KG	8082	06/08/2006 19:46	MAN
Aroclor 1260	94000		3600	UG/KG	8082	06/08/2006 19:46	MAN

Sample ID: LOT EDGE AT SW CORN.
Lab Sample ID: A6625906
Date Collected: 05/31/2006
Time Collected: 14:10

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1221	ND		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1232	ND		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1242	ND		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1248	ND		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1254	21000		1900	UG/KG	8082	06/08/2006 20:45	MAN
Aroclor 1260	16000		1900	UG/KG	8082	06/08/2006 20:45	MAN

Sample ID: NORTH FENCE AT GATE
Lab Sample ID: A6625904
Date Collected: 05/31/2006
Time Collected: 13:50

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1221	ND		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1232	ND		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1242	ND		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1248	ND		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1254	3700		410	UG/KG	8082	06/08/2006 20:05	MAN
Aroclor 1260	12000		410	UG/KG	8082	06/08/2006 20:05	MAN
Metals Analysis							
Aluminum - Total	13600		12.4	MG/KG	6010	06/06/2006 05:01	TWS
Antimony - Total	ND		18.6	MG/KG	6010	06/06/2006 05:01	TWS
Arsenic - Total	8.0		2.5	MG/KG	6010	06/06/2006 05:01	TWS
Barium - Total	118		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Beryllium - Total	1.1		0.25	MG/KG	6010	06/06/2006 05:01	TWS
Cadmium - Total	2.6		0.25	MG/KG	6010	06/06/2006 05:01	TWS
Calcium - Total	81700		61.8	MG/KG	6010	06/06/2006 05:01	TWS
Chromium - Total	97.8		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Cobalt - Total	20.4		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Copper - Total	1820		1.2	MG/KG	6010	06/06/2006 05:01	TWS
Iron - Total	36300		12.4	MG/KG	6010	06/06/2006 05:01	TWS
Lead - Total	309		1.2	MG/KG	6010	06/06/2006 05:01	TWS
Magnesium - Total	14900		24.7	MG/KG	6010	06/06/2006 05:01	TWS
Manganese - Total	1000		0.25	MG/KG	6010	06/06/2006 05:01	TWS
Mercury - Total	0.92		0.026	MG/KG	7471	06/06/2006 15:44	MM
Nickel - Total	338		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Potassium - Total	2300		37.1	MG/KG	6010	06/06/2006 05:01	TWS
Selenium - Total	ND		4.9	MG/KG	6010	06/06/2006 05:01	TWS
Silver - Total	1.4		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Sodium - Total	468		173	MG/KG	6010	06/06/2006 05:01	TWS
Thallium - Total	ND		7.4	MG/KG	6010	06/06/2006 05:01	TWS
Vanadium - Total	29.1		0.62	MG/KG	6010	06/06/2006 05:01	TWS
Zinc - Total	1100		1.2	MG/KG	6010	06/06/2006 05:01	TWS

Sample ID: SURFACE SOIL E.CONT.
Lab Sample ID: A6625905
Date Collected: 05/31/2006
Time Collected: 14:00

Date Received: 06/02/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1221	ND		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1232	ND		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1242	ND		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1248	ND		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1254	5200		380	UG/KG	8082	06/08/2006 20:25	MAN
Aroclor 1260	11000		380	UG/KG	8082	06/08/2006 20:25	MAN

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC Region 9 DER	Project Manager: Eugene Mecenski	Date: 5/31/06	Chain of Custody Number: 169271
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220	Lab Number:	Page 1 of 1
City: Buffalo / State: NY / Zip Code: 14203-2999	Site Contact: D. Szymanski	Lab Contact: B. Rusch	
Project Name and Location (State): Bengart & Memel Site 115, NY	Carrier/Waybill Number:		
~~Contract/Purchase Order/Quote No.~~: C700305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs & TAL Metals	Special Instructions/ Conditions of Receipt
Building Sump	5/31/06	1305 hrs			✓		✓						✓	
Lot Edge at Building		1320 hrs				✓	✓						✓	
Lot Edge at MW3		1330 hrs				✓	✓						✓	
North Fence at Gate		1350 hrs				✓	✓						✓ ✓	← single jar for both analyses.
Surface Soil East Containment		1400 hrs				✓	✓						✓	
Lot Edge at SW Corner	↓	1410 hrs				✓	✓						✓	

Possible Hazard Identification: PCBs >50ppm
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other 30-Day STANDARD DEC T/A

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: D. Szymanski	6/01/06	15:30 hrs	1. Received By: Eugene Mecenski / Marilyn	6/02/06	15:30
2. Relinquished By: Eugene Mecenski / Marilyn	6/02/06	15:55	2. Received By: A. Ball STL BUFFALO	6/2/06	1555
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments

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

7.2°C

15/15

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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

ANALYTICAL REPORT

Job#: A06-C584

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Bengart & Memel Site: 915115

Eugene Melnyk
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

STL Buffalo

Brian J. Fischer
Project Manager

11/02/2006

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6C58401	LS-1.2-4	SOIL	10/25/2006	13:30	10/26/2006	11:56
A6C58402	LS-1.6-8	SOIL	10/25/2006	13:35	10/26/2006	11:56
A6C58404	LS-2.12-14	SOIL	10/25/2006	13:45	10/26/2006	11:56
A6C58403	LS-2.2-4	SOIL	10/25/2006	13:40	10/26/2006	11:56
A6C58405	LS-3.0-4	SOIL	10/25/2006	14:05	10/26/2006	11:56
A6C58406	LS-3.6-8	SOIL	10/25/2006	14:10	10/26/2006	11:56
A6C58407	LS-4.10-12	SOIL	10/25/2006	14:20	10/26/2006	11:56
A6C58408	LS-5.6-8	SOIL	10/25/2006	14:30	10/26/2006	11:56
A6C58409	LS-6.0-2	SOIL	10/25/2006	14:40	10/26/2006	11:56
A6C58410	LS-6.8-10	SOIL	10/25/2006	14:45	10/26/2006	11:56
A6C58411	LS-7.0-2	SOIL	10/25/2006	15:05	10/26/2006	11:56
A6C58412	LS-7.7-9	SOIL	10/25/2006	15:10	10/26/2006	11:56
A6C58413	SURFACE-EAST BERM	SOIL	10/25/2006	15:25	10/26/2006	11:56

METHODS SUMMARY

Job#: A06-C584

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC-SPILLS- 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-C584

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-C584
Sample Cooler(s) were received at the following temperature(s); 4.2 °C
All samples were received in good condition.

GC Extractable Data

For method 8082, samples LS-6.8-10 and SURFACE EAST BREM required dilution prior to analysis due to the high concentration of target analytes. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

11-2-06
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
LS-1.2-4	A6C58401	8082	5.00	008
LS-2.2-4	A6C58403	8082	5.00	008
LS-3.0-4	A6C58405	8082	2.00	008
LS-6.0-2	A6C58409	8082	2.00	008
LS-6.8-10	A6C58410	8082	10.00	008
SURFACE-EAST BERM	A6C58413	8082	20.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates 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 instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: LS-1.2-4
Lab Sample ID: A6C58401
Date Collected: 10/25/2006
Time Collected: 13:30

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1221	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1232	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1242	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1248	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1254	ND		110	UG/KG	8082	10/30/2006 22:22	GFD
Aroclor 1260	1000		110	UG/KG	8082	10/30/2006 22:22	GFD

Sample ID: LS-1.6-8
Lab Sample ID: A6C58402
Date Collected: 10/25/2006
Time Collected: 13:35

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1221	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1232	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1242	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1248	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1254	ND		21	UG/KG	8082	10/30/2006 22:41	GFD
Aroclor 1260	63		21	UG/KG	8082	10/30/2006 22:41	GFD

Sample ID: LS-2.12-14
Lab Sample ID: A6C58404
Date Collected: 10/25/2006
Time Collected: 13:45

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1221	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1232	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1242	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1248	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1254	ND		23	UG/KG	8082	10/30/2006 23:19	GFD
Aroclor 1260	220		23	UG/KG	8082	10/30/2006 23:19	GFD

Sample ID: LS-2.2-4
Lab Sample ID: A6C58403
Date Collected: 10/25/2006
Time Collected: 13:40

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1221	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1232	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1242	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1248	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1254	ND		120	UG/KG	8082	10/30/2006 23:00	GFD
Aroclor 1260	540		120	UG/KG	8082	10/30/2006 23:00	GFD

Sample ID: LS-3.0-4
Lab Sample ID: A6C58405
Date Collected: 10/25/2006
Time Collected: 14:05

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1221	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1232	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1242	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1248	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1254	ND		36	UG/KG	8082	10/30/2006 23:39	GFD
Aroclor 1260	620		36	UG/KG	8082	10/30/2006 23:39	GFD

Sample ID: LS-3.6-8
Lab Sample ID: A6C58406
Date Collected: 10/25/2006
Time Collected: 14:10

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1221	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1232	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1242	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1248	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1254	ND		23	UG/KG	8082	10/31/2006 00:36	GFD
Aroclor 1260	440		23	UG/KG	8082	10/31/2006 00:36	GFD

Sample ID: LS-4.10-12
Lab Sample ID: A6C58407
Date Collected: 10/25/2006
Time Collected: 14:20

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1221	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1232	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1242	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1248	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1254	ND		23	UG/KG	8082	10/31/2006 00:55	GFD
Aroclor 1260	160		23	UG/KG	8082	10/31/2006 00:55	GFD

Sample ID: LS-5.6-8
Lab Sample ID: A6C58408
Date Collected: 10/25/2006
Time Collected: 14:30

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1221	ND		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1232	ND		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1242	ND		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1248	ND		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1254	250		18	UG/KG	8082	10/31/2006 01:15	GFD
Aroclor 1260	320		18	UG/KG	8082	10/31/2006 01:15	GFD

Sample ID: LS-6.0-2
Lab Sample ID: A6C58409
Date Collected: 10/25/2006
Time Collected: 14:40

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1221	ND		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1232	ND		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1242	ND		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1248	ND		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1254	340		41	UG/KG	8082	10/31/2006 01:34	GFD
Aroclor 1260	490		41	UG/KG	8082	10/31/2006 01:34	GFD

Sample ID: LS-6.8-10
Lab Sample ID: A6C58410
Date Collected: 10/25/2006
Time Collected: 14:45

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1221	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1232	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1242	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1248	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1254	ND		190	UG/KG	8082	10/31/2006 01:53	GFD
Aroclor 1260	1400		190	UG/KG	8082	10/31/2006 01:53	GFD

Sample ID: LS-7.0-2
Lab Sample ID: A6C58411
Date Collected: 10/25/2006
Time Collected: 15:05

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1221	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1232	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1242	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1248	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1254	ND		24	UG/KG	8082	10/31/2006 02:12	GFD
Aroclor 1260	490		24	UG/KG	8082	10/31/2006 02:12	GFD

Sample ID: LS-7.7-9
Lab Sample ID: A6C58412
Date Collected: 10/25/2006
Time Collected: 15:10

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1221	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1232	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1242	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1248	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1254	ND		21	UG/KG	8082	10/31/2006 02:31	GFD
Aroclor 1260	120		21	UG/KG	8082	10/31/2006 02:31	GFD

Sample ID: SURFACE-EAST BERM
Lab Sample ID: A6C58413
Date Collected: 10/25/2006
Time Collected: 15:25

Date Received: 10/26/2006
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1221	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1232	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1242	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1248	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1254	ND		440	UG/KG	8082	10/31/2006 02:50	GFD
Aroclor 1260	3900		440	UG/KG	8082	10/31/2006 02:50	GFD

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Reg 9 DEC	Gene Mecnyk	10/25/06	169283
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
270 Michigan Ave.	716-851-7220 / 851-7226		
City	**State** / **Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY 14203-2999	D. Szymanski	B. Fischer
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**	
Bengart & Memel 9/SITE Buffalo, NY		PCBs	
Contract/Purchase Order/Quote No.			
C200305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Special Instructions/ Conditions of Receipt
Surface Sample - East Berm	10/25/06	1525 hrs				✓	✓						

Possible Hazard Identification Low-level PCBs

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other DEC 30-DAY T/A

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10/26/06	hrs	1. Received By	10/26/06	1150
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

22/23

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: NYSDEC Reg. 9 DER	Project Manager: GENE MELNYK	Date: 10/25/06	Chain of Custody Number: 169282
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226	Lab Number:	Page 1 of 2
City: Buffalo / State: NY / Zip Code: 14203-2999	Site Contact: D. Szymanski	Lab Contact: B. Fischer	
Project Name and Location (State): BENGART & MEMEL 9/5115 Buffalo, NY	Carrier/Waybill Number:		
Contract/~~Purchase Order~~/Quote No.: C200305			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	Special Instructions/ Conditions of Receipt
LS-1.2-4	10-25-06	1330 hrs				✓	✓						✓	
LS-1.6-8		1335 hrs				✓	✓						✓	
LS-2.2-4		1340 hrs				✓	✓						✓	
LS-2.12-14		1345 hrs				✓	✓						✓	
LS-3.0-4		1405 hrs				✓	✓						✓	
LS-3.6-8		1410 hrs				✓	✓						✓	
LS-4.10-12		1420 hrs				✓	✓						✓	
LS-5.6-8		1430 hrs				✓	✓						✓	
LS-6.0-2		1440 hrs				✓	✓						✓	
LS-6.8-10		1445 hrs				✓	✓						✓	
LS-7.0-2		1505 hrs				✓	✓						✓	
LS-7.7-9		1510 hrs				✓	✓						✓	4.2

Possible Hazard Identification: Low-level PCBs? ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other DEC 30-DAY TAT

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: RDS, [signature]	10/26/06	hrs	1. Received By: [signature]	10/26/06	1158
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

23/23