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SITE INVESTIGATION/ REMEDIAL ALTERNATIVES ANALYSIS

FOR

FORMER RANDOLPH FOUNDRY
NYSDEC SITE NO. E905030
2-8 SHELDON STREET
VILLAGE OF RANDOLPH, NEW YORK

Prepared for:

COUNTY OF CATTARAUGUS
303 COURT STREET
LITTLE VALLEY, NEW YORK 14755

Prepared by:

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July 2011

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EXECUTIVE SUMMARY

This document presents details of a site investigation and remedial alternatives evaluation completed to support a Site Investigation/ Remedial Alternatives Report (SI/RAR) and an Interim Remedial Measure (IRM) at the Former Randolph Foundry site located in the Village of Randolph, New York **(**refer to Figure 1). The work is being completed by Cattaraugus County (County) under the New York State Department of Environmental Conservation (NYSDEC) Environmental Restoration Program (ERP). To complete the work, the County contracted with Panamerican Environmental, Inc. (PEI) and its teaming partner TVGA Consultants (TVGA) to complete an Interim Remedial Measure (IRM) and conduct a SI/RAR program for the site.

The goal of the SI task was to complete focused environmental investigations to accurately assess the potential for contamination. One of the main purposes of the initial effort was to complete an IRM to expeditiously demolish the former foundry structure and remove drums, foundry sands, and miscellaneous abandoned chemical products and wastes to alleviate the potential public safety and liability concerns for the County at the property, and make it ready for re-use. Completed after the IRM, the purpose of the post IRM SI was to further determine the likelihood of residual contamination associated with past commercial/industrial use on portions of the property. With the completion of the IRM and an assessment of the SI results final remedial alternatives were evaluated as part of this report with a recommended final remedy of no further action required beyond the IRM with implementation of an environmental easement and institutional and engineering controls for future site development.

The Randolph Foundry site is located at 2-8 Sheldon Street at the northwest corner of South Washington and Sheldon streets in the Village of Randolph, Cattaraugus County, New York (refer to Figure 2). The ERP site encompasses approximately 0.91 acres which includes the former foundry parcel and a portion of a railroad right of way where a section of the former foundry building resided. In consultation with the NYSDEC and based on observations made during the IRM, a post IRM SI was completed by PEI at the Former Randolph Foundry site. The post IRM SI was completed in accordance with the scope of work provided in PEI's letter of November 17, 2008 (Re: Randolph SI/RAR/IRM Project-Proposed Limited Site Investigation Activities) and under PEI's contract with the County of Cattaraugus to complete a SI/RAR and IRM program for the site.

Prior to the SI/RAR and IRM program for the site, PEI completed a Phase 1 Environmental Site Assessment at the site in 2005 (*Phase 1 Environmental Site Assessment, Former Foundry Building and Property, Town of Randolph, Cattaraugus County, New York, Prepared by Panamerican Environmental, Inc., for Cattaraugus County, June-July 2005*). The assessment identified potential contamination associated with asbestos containing building materials, foundry sands and various drums/containers within the building that were in poor condition containing unknown chemical products and chemical wastes. In 2006, Cattaraugus County received a grant through the NYSDEC ERP. PEI was subsequently selected by the County to conduct an SI, complete an RAR, and assist in implementing an IRM that was included in the ERP grant. In 2008 the IRM program was

conducted at the site that included the demolition and removal of the old foundry building, removal and proper disposal of building contents (drums/containers, machinery and some waste foundry sand fill) and removal of building floor slabs and sumps/pits. All materials were sampled and tested and properly disposed of at approved off-site facilities. As part of the IRM, low areas including four sumps/pits were filled/graded with existing site soils to eliminate low areas and reduce ponding. During the IRM, one soil sample was collected from the area beneath each of the four sumps/pits before filling and analyzed for Target Analyte List (TAL) metals, Target Compound List (TCL) volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), and PCBs/Pesticides. The analytical results indicated that there were no compounds detected at concentrations above NYSDEC 6 NYCRR Part 375-6.8 Commercial soil cleanup objectives. The IRM was completed in October 2008. Details of the IRM program will be provided in a Final Engineering Report (FER) yet to be completed.

At the completion of the demolition portion of the IRM the County, based on discussions with the NYSDEC, agreed to perform a post IRM SI to evaluate soil conditions within areas of the former building footprint not previously sampled and the areas outside the former building footprint across the remainder of the property. The program also included an evaluation of groundwater conditions beneath the property. The program entailed a one day test trenching and soil sampling program and the installation/sampling of three Geoprobe installed mini-wells. These tasks were included as part of the original SI/RAR Program as detailed in the SI/RAR work plan. The intent of this post IRM SI was to define the geology/hydrogeology of the site and to determine the extent and nature of the foundry sands across the site as well as the identification of any other potential contaminants in the soils and groundwater.

The post IRM SI of the surface and subsurface soils was completed on December 16, 2008. A total of ten test trenches were excavated across the site ranging in length from 10 feet to 76 feet and in depth from 4 feet below ground surface (bgs) to 12 feet bgs (refer to Figure 3). Field screening for VOCs using a photoionization detector (PID) indicated no PID readings in any of the trenches exceeded background levels. A total of eight surface and eight subsurface soil samples were collected from the test trench material. Subsurface soil samples were selected for analysis from the test trench areas that indicated the highest potential for contamination based on visual, olfactory, and screening information.

The test trenching program indicated the presence of fill material at varied depth across the site. In general, fill depths varied by location from no fill at the southwest section of the site and up to five feet at the northeast section of the site. In the areas containing fill, the top six inches to a foot of the fill is composed of black and grey fine granular material (waste foundry sand), brick and concrete fragments, and coarse to fine gravel. The composition and depths of this material may have been influenced by the final grading of the site upon completion of the IRM. Below this surface layer is a fill layer, up to the three to five foot in depth, consisting of brown to black medium to fine sand and cinders (foundry sand) with traces of ash, gravel and silt. This layer is most likely fill material deposited from the foundry operations. Below this fill layer, the soil was mostly light brown (tan) and grey, granular, medium to fine (M-F) sand with gravel and traces of silty clay and is considered natural soil material.

Surface and subsurface soil/fill samples were analyzed for TAL metals, TCL VOCs (except surface samples) and SVOCs, and PCBs. Analytical results were compared with 6 NYCRR Part 375-6.8 Commercial Soil Cleanup Objectives (SCOs). Numerous SVOCs, consisting primarily of polycyclic aromatic hydrocarbons (PAHs), were detected in both surface and subsurface soil/fill samples. Only four of these PAH compounds were detected at concentrations slightly exceeded part 375 Commercial SCOs. PAH compounds are common constituents of fill material in urban and industrial environments. These compounds can be introduced into the environment by natural (e.g., soil chemistry, forest fires) and human processes (e.g., automobile, coal or other heating fuel combustion, industrial, railroad, and commercial).

Various metal compounds were also detected in all of the surface and subsurface soil/fill samples; however, only one metal compound (copper) detected in two surface soil samples was at a concentration that exceeded Part 375 Commercial soil cleanup objectives. Most metals are naturally present in soil and fill materials. Concentrations of metals in soil and fill exhibit considerable variability, both stratigraphically and spatially. This variability is related to the composition of the fill, natural soils' origin, weathering processes that chemically and physically modify soil and, groundwater interactions that modify the geochemistry.

There were no volatile or PCB compounds detected in surface and subsurface soil/fill samples at concentrations above Part 375 Commercial soil cleanup objectives. A section of one trench exhibited a slight chemical odor. However, sample results from this area indicated compounds below NYSDEC guidance levels.

Three groundwater mini-wells were also installed at the southeast corner, north end and east side of the site. No groundwater was observed in any of the wells on the day of installation. After a transitional period, only one well had a small amount of water. The amount of water was not sufficient to develop or purge the well in accordance with the work plan. However, after consultation with NYSDEC representatives, two vials of water were collected and analyzed for TCL VOCs and SVOCs only. There was insufficient volume for metals analysis. The analyses did not detect the presence of any VOC or SVOC compounds in the water sample.

The final site restoration was completed after the SI and included additional grading to level the site (fill in depressions from the removal of sumps and pits). During the grading process in the south/south central area of the site two areas were uncovered of thin layers (up to 12 inches thick) of some industrial debris and foundry sands. This material was scraped away and pushed into the former furnace pit depressed area. The foundry property was then covered with a minimum of six inches of clean soil of a consistency to promote the establishment of vegetative cover. Six inches of clean cover fill material was also placed over portions of the STERA railroad right-of-way disturbed during the IRM. This clean cover fill was a coarse granular material that would inhibit vegetative growth and minimize vegetation management by STERA. The clean fill material was tested and met the requirements of NYSDEC DER-10-Technical Guidance for Site Investigations and Remediation, Appendix 5A- Allowable Constituent Levels for Imported Fill or Soil,

Subdivision 5.4 (e) for Commercial Use.

SI Findings Summary

The post IRM SI program revealed the areal extent and depth of remaining foundry sand and levels of residual contaminants. In general, the remaining foundry sand waste fill is limited to the north-northeast section of the actual foundry parcel and covers most of the adjoining railroad right-of-way between the railroad tracks and foundry property boundary. The foundry sand waste fill varies in depth where it was observed to be three to five feet thick at the northeast section of the site and diminishes in thickness to the south-southwest. The foundry sand waste fill at the site is mixed with some construction and demolition (C&D) debris near the surface and contains random pieces of larger C&D debris below the surface. Areas of the former foundry parcel that do not have any appreciable amounts of foundry sand, but the surface contains C&D fragments and some minor amounts of scattered foundry sand mixed in at the surface of the exposed subsoil.

Soil sample analytical results indicate that only a few slightly elevated metals and PAH compounds were detected in the surface and subsurface fill. The levels appear to be consistent with commercial fill conditions and urban background in general. Soil samples from below the fill layer obtained during the IRM confirm that these slightly elevated levels of these compounds were restricted to the fill layer. These results suggest that remediation is not necessary for the site fill/soils that have slightly elevated metal and PAH compounds based on a future commercial property use scenario.

Groundwater impacts were not observed and groundwater appears to be at or greater than 23 feet in depth. Additionally, since municipal potable water is available, use of groundwater from below the site is not envisioned. The regional topography slopes generally in an easterly direction toward Conewango Creek. Groundwater gradients will typically mimic surface topographic contours. Therefore, the groundwater gradient is presumed to be flowing in an easterly direction. Though only one mini-well was sufficiently deep enough to intercept groundwater, the groundwater gradient could not be confirmed. Using an assumed easterly groundwater gradient, the mini-well where groundwater samples were collected would suggest that this well is a downgradient well, and that any potential offsite migration of groundwater contaminants would be detected in this well. No contaminants of concern were detected in the water sample from this mini-well, and it can be reasonably concluded that no groundwater contamination from previous activities at the site exists at the site.

Remedial Recommendations

The final remedial measure for the Randolph site must satisfy Remedial Action Objectives (RAOs). The RAOs are site specific goals for minimizing or eliminating risks to the environment and public health. Appropriate RAOs for the Randolph site are:

- Removal of contaminants of concern related to the foundry building, asbestos containing materials, containers of chemical products and associated foundry sands/industrial debris within the building.

- Mitigate human exposure to remaining site fill material that exceeds soil cleanup objectives (SCOs) for the site (Part 375 commercial use soil cleanup objectives).

The IRM accomplished the first RAO by demolishing the building and disposing of all building materials, containers of chemical products, building foundry sands and associated industrial debris at off-site regulated disposal facilities. The IRM also accomplished the second RAO for the site in its undeveloped state by the placement of the restoration clean cover soil over the entire site.

To restrict and manage community exposure to the impacted soils for future development it is recommended that the final remedy for the site be no further action with institutional controls (IC) and engineering controls (EC) as established under Part 375 regulations for commercial development. Part 375 regulations describe the IC/EC general requirements for the various site classifications for future development. To restrict future development of the site to commercial use, the following IC/EC will be required. The IC/EC will apply to both the former foundry parcel and the STERA railroad right-of-way disturbed by the IRM. A separate environmental easement (IC) would be required for each parcel.

1.0 INTRODUCTION AND BACKGROUND

1.1 Introduction

The goal of the project was to complete focused environmental investigations to accurately assess the potential for contamination at the Former Randolph Foundry site located in the Village of Randolph, County of Cattaraugus, New York (refer to Figure 1). One of the main tasks of the initial project effort was to complete an interim remedial measure (IRM). The goal of the IRM was to expeditiously demolish the former foundry structure and remove drums containing miscellaneous abandoned chemical products and wastes, waste foundry sands with elevated metal concentrations, and random abandoned containers with miscellaneous chemical products and wastes to alleviate the potential public safety and liability concerns for the County at the property and make it ready for re-use.

A post IRM Site Investigation (post IRM SI) was completed by Panamerican Environmental, Inc. (PEI) at the Former Randolph Foundry site. The post IRM SI was completed in accordance with the scope of work provided in PEI's letter of November 17, 2008 (Re: Randolph SI/RAR/IRM Project-Proposed Limited Site Investigation Activities). This scope of work was based on PEI's contract with the County of Cattaraugus to complete an IRM and conduct a Site Investigation/ Remedial Alternatives Report (SI/RAR) program for the site under the ERP program. The IRM portion of the contract was completed in two stages. The first stage was completed in October 2008 and included the demolition and removal of the on-site foundry building and contents, including machinery, drums and foundry sands within the building.

After the completion of this stage of the IRM (which also included an interim assessment of preliminary data collected during the IRM) the County, in concert with the NYSDEC, decided to conduct a further assessment of the site. The objective was to evaluate soil and shallow groundwater conditions within areas of the former building footprint and the areas outside the former building footprint across the remainder of the property. The program entailed a one day test trenching and soil sampling program and the installation/sampling of three Geoprobe installed mini-wells. These tasks were part of the original SI/RAR Program as detailed in the SI/RAR work plan *(Work Plan for Site Investigation/Remedial Alternatives Report and Interim Remedial Measure, Former Randolph Foundry Site-Number E905030, Village of Randolph, New York prepared for: County of Cattaraugus, prepared by: PEI/TVGA, April 2007)*.

Based on observations made during the initial stage of the IRM, the intent of this SI was to further assess the geology/hydrogeology and to determine the extent and nature of the foundry sand fill across the site as well as to further assess potential contaminants in the soils and groundwater. After completion of the site investigation activities the IRM site restoration stage of the IRM was completed in November 2009 and included: grading of the site; movement of some uncovered foundry sands during grading to the former furnace pit area; and covering the entire site with six inches of clean fill material suitable for vegetative growth.

1.2 Background

The Randolph Foundry site is located at 2-8 Sheldon Street at the northwest corner of South Washington and Sheldon streets in the Village of Randolph, Cattaraugus County, New York. The site subject to the ERP grant encompasses approximately 0.91 acres which includes a portion of a railroad right of way where a section of the former foundry building resided (see Figure 2). Cattaraugus County took possession of the former foundry parcel in 2005 through property tax foreclosure. The initial ERP grant only included the former foundry parcel. However, after a property boundary survey was conducted, the survey revealed that the foundry plant extended onto the right-of-way owned by the Chautauqua, Cattaraugus, Allegany and Steuben County Southern Tier Extension Railroad Authority, alternatively known as the Southern Tier Extension Railroad Authority (STERA). STERA was determined to be a municipality under the ERP, and the portion of the foundry site encroaching onto the railroad right of way was allowed entry into the ERP by amendment dated May 15, 2007.

PEI completed a Phase I Environmental Site Assessment at the site in 2005 (*Phase 1 Environmental Site Assessment, Former Foundry Building and Property, Town of Randolph, Cattaraugus County, New York, Prepared by Panamerican Environmental, Inc., for Cattaraugus County, June-July 2005*). The assessment identified potential contamination associated with asbestos containing building materials, waste foundry sands and various drums/containers within the building that were in poor condition containing unknown contents. A review of historic aerial and Sanborn maps as well as building permit records during the Phase I indicated that the former foundry structures and property had been altered over time. The exact date that the former foundry was built is unknown; however, as late as 1897 however, a dairy was located on the property. Historical maps indicate that a foundry and machine shop (F. H. Pike Foundry and Machine Shop) was located on the property as early as 1902. By 1929, historic maps indicate that the property was identified as the Randolph Foundry and Machine Shop. Randolph Foundry was at one time owned by Aeolian (verified also by ownership records) and made cast iron piano plates and used scrap iron for foundry material stock. The foundry was later sold and went out-of-business around 1986. The owner of the property eventually became delinquent in property taxes. Through a property tax foreclosure, Cattaraugus County took possession of the property in 2005. The former foundry parcel is currently zoned village residential (R-1).

In 2005, Cattaraugus County submitted an application for entry into the ERP. The County was allowed entry into the ERP in 2006. Because the actual foundry plant was determined to encroach onto the railroad right of way owned by STERA, and that the project could not be realistically completed with a portion of the plant on an adjoining property, STERA was admitted to the ERP as a co-applicant in 2007. Following the admission of STERA to the program, specific elements of the project work plan were executed including inventorying of abandoned chemical wastes and products, sampling and characterizing foundry sand for waste disposal, and preparing contract documents to implement the IRM. The IRM contract documents specified the removal and appropriate disposal of the abandoned chemical wastes and products, asbestos abatement required for building demolition, building demolition, floor slab removal and removal of in-ground pits, sumps and process tanks, and removal of some foundry sand fill with elevated levels of metals (i.e. lead) as

industrial solid waste.

The IRM was bid in April 2008. The IRM contract was awarded May 2008 and, with the exception of site restoration, was completed October 2008. The IRM conducted at the site included the demolition and removal of the old foundry building, removal and proper disposal of building contents (drums/containers, machinery and some waste foundry sand fill) and removal of building floor slabs and sumps/pits. All waste materials removed from the site were properly disposed of at approved off-site facilities. As part of the IRM, the depressions resulting from the removal of four sumps/pits were partially graded using existing site soils to eliminate abrupt grade changes in grade that could create unsafe conditions. One soil sample was collected from the soil beneath each of the four sumps/pits before grading and analyzed for TCL VOCs and SVOCs, PCBs/Pesticides and TAL Metals. The analytical results indicated that there were no compounds detected at concentrations above Part 375 Commercial soil cleanup objectives (refer to Table 2). This sampling indicated that soils below the site fill materials in the areas sampled were not impacted. As noted in the Introduction, after assessing the data from the IRM a proposed limited site investigation (SI) was undertaken as discussed herein. The objective of the SI was to evaluate soil and shallow groundwater conditions within areas of the former building footprint and the areas outside the former building footprint across the remainder of the property. As a final IRM activity, upon completion of the SI, the site ground surface was restored which involved surface grading, placement of clean fill to level the depressions resulting from the IRM demolition and placement of a six inch layer of clean soil suitable for vegetative growth over the entire site. Complete details of IRM activities will be provided in the Final Engineering Report.

2.0 SITE INVESTIGATION

2.1 Surface and Subsurface Soil Assessment

To examine surface and subsurface soil/fill materials across the site, a post IRM SI consisting of a total of ten test trenches was excavated on December 16, 2008 using a trackhoe provided and operated by EPS Vermont under a subcontract to PEI. Test trenches ranged in length from 10 feet to 76 feet and in depth from 2 feet below ground surface (bgs) to 12 feet bgs (refer to Figure 3). Trench locations, depths and lengths were selected by PEI staff in consultation with NYSDEC personnel based on historical information, the former location of various facility operations or containers (as determined prior to demolition) and field observations. The test trenches were advanced in areas throughout the site some of which were previously occupied by the demolished building. Photographs of site investigation activities are provided in Appendix C.

A PEI geologist visually examined and logged all test trenches (refer to Appendix A, Trench Logs) and performed field screening for VOCs using a photoionization detector (PID). The exact locations of trenches were subject to accessibility and proximity to known underground utility lines. All trenches were advanced at a minimum distance of 2.5 feet away from marked utilities, where present, to reduce the possibility of accidentally damaging an underground line. All trenches were filled with indigenous material upon completion in the order in which it was removed.

A total of eight surface soil and eight subsurface soil samples were collected from the test trench material. Subsurface soil samples were selected from the test trench areas that indicated the highest potential for contamination based on visual, olfactory, and screening information. Alternatively, where no evidence of contamination was observed, some samples were collected from varied depths to profile the soil/fill materials vertically. Surface soil samples were collected from the upper two inches or immediately below the turf layer utilizing the same selection criteria as subsurface soil samples. An odor was detected in one test trench (RF-TP-05) and a sample of the material (RF-TP-05B) was collected for analysis. The intent of the post IRM SI was to identify the nature and extent of residual contamination at the site following the completion of the IRM. An additional goal of the post IRM SI was to also identify the aerial extent and depth of waste foundry sand fill across the site. Sampling locations are indicated on Figure 3 and on the Test Pit Logs provided in Appendix A. All samples were submitted to Test America, a NYSDEC certified contract laboratory and analyzed for TAL metals, TCL VOCs and SVOCs, and PCBs. Surface soil samples were not analyzed for TCL VOCs. Analytical results are discussed in Section 4.0.

In addition to the test pit sampling, samples of native soil were collected from below four sumps/pits after removal during the IRM building demolition. These samples were collected following their removal to assess if there were any contaminants of concern that may have emanated from these structures during foundry operations. Refer to Figure 4 for confirmation soil sample locations. After sampling of the depressions from the structure removal, the depressions were partially graded to eliminate abrupt grade changes that could have created safety hazards.

The post IRM SI test trenching program indicated the presence of fill material at varied depths across the site and levels of residual contaminants. In general, the remaining foundry sand waste fill is limited to the north-northeast section of the actual foundry parcel and covers most of the adjoining railroad right-of-way between the railroad tracks and property boundary. The foundry sand waste fill varies in depth where it was observed to be three to five feet thick at the northeast section of the site and diminishes in thickness toward the south-southwest. The foundry sand waste fill at the site is mixed with some construction and demolition (C&D) debris near the surface and contains random pieces of larger C&D debris below the surface. Areas of the former foundry parcel that do not have any appreciable amounts of foundry sand contains some C&D fragments and some minor amounts of scattered foundry sand mixed in at the surface of the exposed subsoil. The composition of the surface material was most likely influenced by the final grading of the site upon completion of the IRM. Below the fill layer, the soil was mostly light brown (tan) and grey, granular, M-F sand with gravel and traces of silty clay and is considered natural soil material. Similar native soil was encountered below the four sumps/pits that were removed during the IRM demolition.

It is important to note that much of the foundry sand waste fill encountered at the site was beneath several areas of the former foundry building. The foundry sand was also deeper and more pervasive along the STERA railroad right-of-way. The deepest/thickest layer of foundry sand fill was encountered at the northeast end of the study area along the railroad right-of-way. Based upon field observations and conversation with the property owner at 10 Dean Street, the waste foundry sand fill continues northward beyond the study area along the west side of the railroad right-of-way.

All trenching and sampling was performed in general conformance with the approved SI/RAR work plan.

2.2 Groundwater Investigation

A total of three groundwater mini-wells were installed on December 16, 2008 in converted Geoprobe borings. The Geoprobe boring were advanced until refusal was encountered. Monitoring well MW-01 was installed at the southeast corner of the site, MW-02 at the northeast end of the site and MW-03 at the southeast side of the site. Monitoring well locations are shown on Figure 3.

Each mini-well consisted of a 1-inch diameter PVC pipe equipped with a 10 foot slotted screen and solid riser pipe extending to the surface. Since groundwater was not initially encountered in any of the three boreholes the slotted screen was placed at the bottom of each of the three wells. The annulus around the screen was filled with filter sand to one foot above the top of the screen. A three-foot thick bentonite seal was then installed and the borehole filled to the ground surface with a cement/bentonite mix. A flush mounted protective cover was installed to complete each well installation.

Monitoring wells were installed at the following depths:

- MW-01 at 17.5 feet bgs with no standing water
- MW-02 at 22.9 feet bgs with no standing water

- MW-03 at 18.7 feet bgs with no standing water

Groundwater was not observed in any of the wells during installation. The wells were allowed to sit until December 30, 2008 to allow groundwater to enter the wells. During a check of water levels on December 30, 2008, no groundwater was observed in MW-01 or MW-03. However, groundwater was observed in MW-02 at 22.1 feet bgs which equated to approximately 0.8 feet of water at the bottom of the well. The amount of water was not sufficient to be able to develop or purge the well in accordance with the work plan. After consultation with the NYSDEC, it was decided to collect as much sample as possible from MW-02. A PVC disposable bailer was used to collect two sample vials before the well went dry. The sample was sent to Test American and analyzed for TCL VOCs and SVOCs. Sample analytical results are discussed in section 4.

Well construction diagrams for each well are provided in Appendix A. All wells were installed in accordance with the SI/RAR approved work plan except as noted above.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

3.1 Surface Features

The property is located in a primarily residential area at 2-8 Sheldon Street on the northwestern corner of the intersection of Washington and Sheldon Streets in the Village of Randolph (see Figure 2). Adjacent to the property to the east is railroad lines for the Southern Tier Extension Railway Authority. Adjacent to the property to the south across Sheldon Street is a small commercial storage facility.

After the demolition/removal of the foundry building and nominal re-grading of the site for safety purposes, the property surface is composed of bare soil with little to no vegetation. The topography in the immediate vicinity of the site is generally flat and slopes slightly from southwest to northeast.

3.2 Geology/Hydrogeology

The post IRM SI program revealed the aerial extent and depth of remaining foundry sand and depth to native soil at the site. In general, the remaining foundry sand waste fill is limited to the north-northeast section of the actual foundry parcel and covers most of the adjoining railroad right-of-way between the railroad tracks and property boundary. The foundry sand waste fill varies in depth where it was observed to be three to five feet thick at the northeast section of the site and diminishes in thickness to the south-southwest. The foundry sand waste fill at the site is mixed with some construction and demolition (C&D) debris near the surface and contains random pieces of larger C&D debris below the surface. Areas of the former foundry parcel that do not have any appreciable amounts of foundry sand consist of exposed native subsoil. However, some of the native subsoil surface contains C&D fragments and some minor amounts of scattered foundry sand mixed in at the surface of the exposed subsoil. Below the waste fill at the site, native soil encountered was mostly light brown (tan) and grey, granular, M-F sand with gravel and traces of silty clay.

Groundwater was not encountered in any of the test trenches and was encountered in only one well (MW-02) at approximately 22 feet bgs. This level was within 8 inches of the bottom of the well. The regional topography (see Figure 1) slopes generally in an easterly direction toward Conewango Creek. Groundwater gradients will typically mimic surface topographic contours. Therefore, the groundwater gradient is presumed to be flowing in an easterly direction. Though only one mini-well was sufficiently deep enough to intercept groundwater, the groundwater gradient could not be confirmed. Using an assumed easterly groundwater gradient, the mini-well where groundwater samples were collected would suggest that this well is a downgradient well, and that any potential offsite migration of groundwater contaminants would be detected in this well. No contaminants of concern were detected in the water sample from this mini-well, and it can be reasonably concluded that no groundwater contamination from previous activities at the site exists at the site.

3.3 Demography and Land use

The Village of Randolph Land uses in the vicinity of the subject property include residential,

especially along Sheldon, Green and Washington Streets and mixed commercial/retail in the surrounding areas. The property itself is zoned village residential (R-1 per zoning map). Though the site was industrial in nature, it may have been a non-conforming use for the area.

Randolph is known for its fish hatcheries and the Amish community. The town is accessible via I-86 (which is also the Southern Tier Expressway and Route 17) and NYS routes 241 and 394. The village is at the junction of routes NY241, NY394, and County Road 9. Randolph was the first location settled within the town, around 1820. The Village of Randolph was incorporated in 1867. Randolph is located at 42°9'35"N 78°58'58"W and 42.15972°N 78.98278°W. The principal stream of Randolph is the Little Conewango Creek. Battle Creek flows into the Little Conewango just outside of the Village.

According to the United States Census Bureau, the village has a total area of 3.3 square miles (8.4km²), of which, 3.2 square miles (8.4km²) of it is land and 0.31% is water. As of the census of 2000, there were 1,316 people, 550 households and 343 families residing in the village. The population density was 404.9 people per square mile (156.3/km²). There were 590 housing units at an average density of 181.5/sq mi (70.1/km²). The racial makeup of the village was 98.48% White, 0.15% Black or African American, 0.38% Native American, 0.08% Pacific Islander, and 0.91% from two or more races. Hispanic or Latino of any race was 0.08% of the population. There were 550 households out of which 28.0% had children under the age of 18 living with them, 47.5% were married couples living together, 12.2% had a female householder with no husband present, and 37.6% were non-families. 32.9% of all households were made up of individuals and 16.0% had someone living alone who was 65 years of age or older. The average household size was 2.37 and the average family size was 3.00.

In the village the population was spread out with 24.8% under the age of 18, 8.0% from 18 to 24, 25.5% from 25 to 44, 23.9% from 45 to 64, and 17.8% who were 65 years of age or older. The median age was 39 years. For every 100 females there were 85.4 males. For every 100 females age 18 and over, there were 83.5 males. The median income for a household in the village was $32,679, and the median income for a family was $39,861. Males had a median income of $30,750 versus $21,250 for females. The per capita income for the village was $17,812. About 3.7% of families and 6.0% of the population were below the poverty line, including 6.9% of those under age 18 and 6.0% of those ages 65 or over.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Introduction

This section discusses the results of the post IRM SI activities, and in particular the nature and extent of contaminants in the media investigated.

4.2 Potential Sources

The post IRM SI indicated the presence of slightly impacted media remaining on site after completion of the foundry building demolition/removal IRM. Impacts consisted of waste foundry sand fill which contained slightly elevated levels of metal and SVOCs, primarily polynuclear aromatic hydrocarbons (PAH) compounds. The potential source of contamination in the soils is most likely the historic operations of the foundry and machine shop on site (over 80 years) and an operating railroad directly west of the property. It should be noted that foundries (or metal casting operations) make parts from molten metal according to end user specifications. In general, foundry and machine shops are involved with the manufacturing, prefabrication, and repair of articles of steel, iron, and other metals. Environmental contamination associated with these facilities include elevated levels of lead and other metals in near and subsurface soils and wastes associated with slag/foundry sands such as phenols. Other contaminants, including solvents and petroleum products are typically associated with drummed or containerized materials.

PAHs are a group of chemicals that are formed during incomplete burning of wood, coal, gas, garbage or other organic substances and are widely distributed in the environment and particularly in older urban environments where coal, gas, and petroleum were burned for heat and other energy uses. PAH compounds are common constituents of fill material found in urban environments, and are typically associated with both fill material, coal tar and asphalt based materials or ash.

Most metals occur in nature and their concentrations in fill and natural soil will exhibit considerable variability both stratigraphically and spatially. This variability is related to the variable composition of the fill, natural soils' protolith, weathering processes that chemically and physically modify soil and groundwater interactions that modify the geochemistry. Metals are also associated with foundry and machining operations as noted above.

4.3 Soil sampling and Analytical Program

The eight surface and eight subsurface soil/fill samples from test trenches were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP), 10/95 edition. Surface soil/fill samples and subsurface soil/fill samples were submitted to Test America a NYSDEC certified contract laboratory and analyzed for TAL metals, TCL VOCs and SVOCs, and PCBs. Surface soil samples were not analyzed for TCL VOCs.

Also, as noted in section 2.1, four confirmation soil samples were collected from native soils below sumps/pits (refer to Figure 4) after building demolition during the IRM.

Compounds detected during the test trench soil/fill sampling program and confirmation soil

sampling are summarized in Table's 1 and 2 respectively, and discussed in detail below. The table also provides a comparison of the analytical results with 6 NYCRR Part 375-6.8 Commercial and Industrial Soil Cleanup Objectives. Complete analytical results are provided in Appendix B.

Volatile Organic Compounds (VOCs)

VOC compounds methylene chloride and acetone were detected in several test trench samples at concentration well below Part 375 soil cleanup objectives. Methylene chloride was also detected at similar concentrations in the laboratory method blank indicating that the detection maybe due to laboratory contamination. Both of these compounds, methylene chloride and acetone, are common laboratory contaminates. Other VOC compounds detected in test trench samples included ethylebenzene and xylene (Sample RF-TP-08B) and 2-butanone (sample RF-TP-05B). These compounds were detected at concentrations significantly below Part 375 commercial soil cleanup objectives (refer to Table 1). As noted earlier sample RF-TP-05B was collected where an odor was detected during test trenching. The odor can be attributed to the detected VOCs in this sample.

Acetone and Methylene chloride were also detected in the confirmation soil samples at very low concentrations below Part 375 soil cleanup objectives. No other VOCs were detected in the confirmation samples.

Semi-Volatile Organic Compounds (SVOCs)

Numerous SVOCs consisting primarily of PAHs were detected in both surface and subsurface test trench soil/fill samples (refer to Table 1). PAHs, as well as metals, are not, in general, very mobile in soils. PAHs have low solubility's with water and tend to adsorb to the soil grains. These compounds do not readily breakdown in the environment. PAHs deposited from the historical combustion of coal or other fuels will most likely still be present in soils today. Based on their low volatility and their association with soil, the primary concern for potential human exposure to PAHs includes inhalation, ingestion and dermal contact.

As might be expected, in a former industrial (foundry) and associated railroad environment, analytical results from both test trench surface and subsurface soils indicated the presence of several PAHs at concentrations that slightly exceeded Part 375 commercial soil cleanup objectives. As described above, PAH compounds are common constituents of fill material in urban and industrial environments and are common at foundry and metal machine operations. These compounds are also typically elevated in urban and industrial areas due to the long history of fossil fuel burning.

Only four PAH compounds were detected at concentrations in test trench soil/fill samples that exceeded Part 375 Commercial soil cleanup objectives. These samples were from areas that still contained appreciable amounts of foundry sand fill and are indicative of residual PAH compounds in the fill only. Samples of native soil from test trench areas with nominal or no foundry sand fill PAH compounds were detected at concentrations significantly below their Part 375 Commercial soil cleanup objectives. For test trench fill samples with PAH exceedences, the concentration of benzo(a)pyrene exceeded Part 375

Commercial (1 ppm) cleanup objectives in surface soil/fill samples RF-TP-04A (1.2 ppm), RF-TP-05A (2.3 ppm), RF-TP-08A (4.7 ppm), RF-TP-09A (2.2 ppm) and RF TP-11A (1.5 ppm) and subsurface soil/fill sample RF-TP-05B (7 ppm). The concentration of benzo(a)anthracene exceeded Part 375 Commercial (5.6 ppm) cleanup objective in subsurface soil/fill sample RF-TP-05B (8.8 ppm). The concentration of Benzo(b)fluoranthene exceeded Part 375 Commercial (5.6 ppm) in surface soil/fill sample RF-TP-08A (6 ppm) and subsurface soil/fill sample RF-TP-05B (7 ppm). The concentration of dibenzo(a,h)anthracene exceeded Part 375 Commercial (0.56 ppm) and Industrial (1.1 ppm) in subsurface soil sample RF-TP- 05B (1.1 ppm).

A number of other SVOCs were detected in test trench samples at concentrations significantly below their Part 375 Commercial soil cleanup objectives (refer to Table 1). These samples were mainly collected from test trenches in the former foundry parcel which contained nominal foundry sand fill.

Also, SVOCs were detected in native soil samples below the four pits/sumps that were formerly located at the site at concentrations significantly below their Part 375 Commercial soil cleanup objectives (refer to Table 2).

PCBs

There were no PCB compounds detected in test trench or confirmation soil samples at concentrations above Part 375 Commercial soil cleanup objectives (refer to Tables 1and 2).

PCB contamination of concrete flooring was revealed during the IRM demolition. The PCB levels in the impacted concrete surfaces were below TSCA hazardous waste levels. The PCB contaminated concrete was segregated and managed accordingly at an offsite permitted disposal facility. A confirmation sample of soil below the PCB contaminated concrete did not reveal any PCB levels above the residual use standard.

Metals

Metal compounds were detected in all of the test trench surface and subsurface soil/fill samples. The results indicate the presence of only one metal compound at a concentration that exceeded Part 375 Commercial soil cleanup objectives. The concentration of copper exceeded Part 375 Commercial (270 ppm) soil cleanup objective in surface samples RF-TP-08A (834 ppm) and RF-TP-11A (1300 ppm).

In the confirmation soils samples the concentration of arsenic (20.7 ppm) exceeded Part 375 Commercial (16 ppm) soil cleanup objective in native soil below the former septic tank .

Most metals are naturally present in soil and fill materials. Concentrations of metals in soil and fill exhibit considerable variability, both stratigraphically and spatially. This variability is related to the composition of the fill, natural soils' origin, weathering processes that chemically and physically modify soil and, groundwater interactions that modify the geochemistry.

4.4 Groundwater

As discussed in Section 2.2 there was insufficient recharge in any of the wells except MW-02 to collect a sufficient volume of water to perform the planned number of analysis. In well MW-02, two vials of water were collected allowing for the analysis for TCL VOCs and SVOCs. The analyses did not detect the presence of any VOC or SVOC compounds in the water sample. Analytical results are summarized in Table 3 and complete analytical results are provided in Appendix B.

The regional hydrogeology typically mimics surface contours which slope easterly toward Conewango Crk. Also, a ground water contour profile could not be confirmed with the limited data.

5.0 INTERIM REMEDIAL MEASURES

An IRM was implemented at the Randolph Foundry site in general accordance with the June 2007 SI/RAR and IRM Work Plan. The need for an IRM was based upon environmental concerns resulting from an earlier Phase 1 ESA at the site. The assessment identified potential contamination associated with asbestos containing building materials, foundry sands and various drums/containers within the building that were in poor condition containing unknown chemical products and chemical wastes. The County was interested in completing an IRM to remove the building, debris, and materials in an expeditious manner to allow for the redevelopment of the parcel and to maintain a safe environment for Village residents.

Construction bid documents for the IRM were completed by PEI and their subcontractor TVGA and after public bidding by the County, Donald J. Braasch Construction, Inc. was awarded a contract to implement an IRM program. In 2008, the IRM program was conducted at the site that included the demolition and removal of the old foundry building, removal and proper disposal of building contents (drums/containers, machinery and some waste foundry sand fill) and removal of building floor slabs and sumps/pits. All waste materials were sampled and tested and properly disposed of at approved off-site facilities. As part of the IRM, low areas including four sumps/pits were filled/graded with existing site soils to eliminate low areas and reduce potential site ponding. During the IRM, one soil sample was collected from the area beneath each of the four sumps/pits before filling and analyzed for Target Analyte List (TAL) metals, Target Compound List (TCL) volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), and PCBs/Pesticides. The analytical results indicated that there were no compounds detected at concentrations above NYSDEC 6 NYCRR Part 375-6.8 Commercial soil cleanup objectives. With the exception of site restoration (see below) the IRM was completed in October 2008.

The final site restoration was completed after the SI and included additional grading to level the site (fill in depressions from the removal of sumps and pits). During the grading process in the south/south central area of the site two areas were uncovered of thin layers (up to 12 inches thick) of some industrial debris and foundry sands. This material was scraped away and pushed into the former furnace pit depressed area. The foundry property was then covered with a minimum of six inches of clean soil of a consistency to promote the establishment of vegetative cover. Six inches of clean cover fill material was also placed over portions of the STERA railroad right-of-way disturbed during the IRM. This clean cover fill was a coarse granular material that would inhibit vegetative growth and minimize vegetation management by STERA. The clean fill material was tested and met the requirements of NYSDEC DER-10-Technical Guidance for Site Investigations and Remediation, Appendix 5A- Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4 (e) for Commercial Use.

Details of all IRM activities will be provided in the Final Engineering Report to be issued under separate cover.

6.0 CONTAMINANT FATE AND TRANSPORT

The Phase 1 ESA identified potential contaminants of concern including asbestos containing building materials, foundry sands and various drums/containers within the building that were in poor condition containing unknown chemical products and chemical wastes. The IRM eliminated these contaminants of concerns as follows:

- The foundry building was demolished and all the building debris, universal wastes and asbestos containing materials disposed of at an approved landfill.
- All drums and containers of unknown substances where tested, categorized, over-packed and properly disposed of at approved offsite facilities.
- Foundry sands within the building were removed and disposed of with other C & D material at an approved sanitary landfill.

The post IRM site investigation identified that only SVOC and metal compounds were detected in soil samples that exceeded the site cleanup goals (Part 375 Commercial soil cleanup objectives). The SVOC compounds were primarily PAHs and only four were detected at concentrations marginally exceeding part 375 Commercial soil cleanup objectives. A number of other SVOCs were also detected but at concentrations significantly below Part 375 Commercial cleanup objectives (refer to Table 1). Metal compounds were detected in all of the surface and subsurface soil samples. However, only one metal compound, copper was detected at a concentration that exceeded Part 375 Commercial soil cleanup objectives.

Airborne pathways

Airborne pathways are not a concern at the site. Site soils basically meet Tract 2 commercial requirements and a vegetative and/ or a stone cover has been established across the site.

Waterborne Pathways

Waterborne pathways are not a concern at the site. Site soils basically meet Tract 2 commercial requirements and a vegetative and/ or a stone cover has been established across the site.

It should also be noted that potable water is available at the site and if groundwater is planned to be used for any future development Part 375 regulations requires testing of the groundwater to meet its applicable intended use.

7.0 QUALITATIVE EXPOSURE ASSESSMENT

A qualitative exposure assessment consists of characterizing the exposure setting (including the physical environment and potentially exposed human populations) and identifying exposure pathways.

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has five elements: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population.

At present, there are no buildings on site and the site is vacant and unoccupied. The site classification for future development will be limited to commercial development.

Based on the fate and transport discussion in Section 6.0 the potential contaminants of concern are several PAH and metal compounds in the site soils that exceed Part 375 Commercial soil cleanup objectives. Since the site is currently covered with a clean soil layer and is unoccupied, disturbance of the residual impacted soils by human contact, thereby releasing contaminants, is minimal. The site cover placed as part of the IRM has eliminated impacted soil exposure due to wind borne dust generation and potential erosion of the cover has been reduced by site grading and grass vegetation. However, future development of the site may result in human contact (dust inhalation/dermal absorption) with the impacted soils by, primarily, construction workers.

To mitigate this exposure pathway an environmental easement will be imposed on the property (refer to Section 9.0) which will include a soils management plan to address disturbance/movement of impacted soils required during future development. The soils management plan will address worker protection, dust suppression, ways to minimizing soil disturbance, etc.

The environmental easement will also restrict human contact or consumption of the site groundwater in the future. No drilling of water wells will be allowed under the easement. Also, the adjacent community is on a municipal water supply which can be accessed for any future development needs at the site.

8.0 SUMMARY AND CONCLUSIONS

The primary goal of the project was to complete focused environmental investigations to accurately assess the potential for contamination at the Former Randolph Foundry site. One of the main purposes of the initial effort was to complete an IRM to expeditiously demolish the former foundry structure and remove drums, foundry sands, and miscellaneous abandoned chemical products and wastes to alleviate the potential public safety and liability concerns for the County at the property, and make it ready for re-use. The building demolition and removal of all building related wastes was successfully completed in October 2008 and upon completion of the post IRM site investigation, the site was graded and covered with a clean soil layer as the final IRM site restoration task. Completed after the IRM, the purpose of the post IRM SI was to further determine the likelihood of residual contamination associated with past commercial/industrial use on portions of the property.

The SI test trenching program indicated the presence of fill material at varied depth across the site. In general, the remaining foundry sand waste fill is limited to the north-northeast section of the actual foundry parcel and covers most of the adjoining railroad right-of-way between the railroad tracks and the foundry property boundary. The foundry sand waste fill varies in depth where it was observed to be three to five feet thick at the northeast section of the site and diminishes in thickness to the south-southwest. The foundry sand waste fill at the site is mixed with some construction and demolition (C&D) debris near the surface and contains random pieces of larger C&D debris below the surface. The composition of this material is most likely influenced by the final grading of the site upon completion of the IRM. Below this layer is native soil consisting of a coarse to fine gravel and medium fine sands with traces of silt. Areas of the former foundry parcel that do not have any appreciable amounts of foundry sand consist of native subsoil. However, some of the exposed native subsoil surface contains C&D fragments and some minor amounts of scattered foundry sand mixed in at the surface of the exposed subsoil.

The analytical results from test trench soil samples indicate that only SVOC and metal compounds were detected that marginally exceeded Part 375 Commercial soil cleanup objectives the established SCOs for the site. The SVOC compounds were primarily PAHs and only four were detected at concentrations exceeding part 375 Commercial soil cleanup objectives. A number of other SVOCs were also detected but at concentrations significantly below Part 375 Commercial soil cleanup objectives (refer to Table 1). Metal compounds were detected in all of the surface and subsurface soil samples. However, only one metal compound, copper was detected at a concentration that exceeded Part 375 Commercial soil cleanup objectives.

Only one of the three groundwater mini-wells (MW-02) had water; the others were dry. Groundwater collected from MW-02 was analyzed for TCL VOCs and SVOCs. The analyses did not detect the presence of any VOC or SVOC compounds in the water sample. The regional topography (see Figure 1) slopes generally in an easterly direction toward Conewango Creek. Groundwater gradients will typically mimic surface topographic contours. Therefore, the groundwater gradient is presumed to be flowing in an easterly direction. Though only one mini-well was sufficiently deep enough to intercept

groundwater, the groundwater gradient could not be confirmed. Using an assumed easterly groundwater gradient, the mini-well where groundwater samples were collected would suggest that this well is a downgradient well, and that any potential offsite migration of groundwater contaminants would be detected in this well. No contaminants of concern were detected in the water sample from this mini-well, and it can be reasonably concluded that no groundwater contamination from previous activities at the site exists at the site.

With the completion of the IRM the primary contaminants of concern have either been removed from the site to a regulated disposal facility (asbestos containing materials, building C & D debris, containers of chemical products/wastes and foundry sands from within/around the building) or sufficiently covered with clean fill (remaining foundry sands and residual industrial C & D material). The analytical results from the SI soil samples indicate only a few PAH and metal compounds with concentrations that slightly exceeded Part 375 Commercial soil cleanup objectives. Therefore, as a result of completing the IRM and low levels of contaminant concentrations remaining in the soil fill material that are generally within commercial use criteria, it is recommended that no further remedial action will be required at the site. However, future development will be limited to commercial development through the implementation of Institutional and Engineering Controls (IC and EC) as defined under Part 375 regulations for commercial development.

To satisfy the requirements of Part 375 Section 9 will evaluate both the No Further Action with ICs and for commercial development status and the Unrestricted Use alternative.

9.0 REMEDIAL ALTERNATIVES AND RECOMMENDED REMEDY

9.1 Remedial Action Objectives

The final remedial measure for the Former Randolph Foundry site must satisfy Remedial Action Objectives (RAOs). The RAOs are site specific goals for minimizing or eliminating risks to the environment and public health. Appropriate RAOs for the Randolph site are:

- Removal of contaminants of concern related to the foundry building, asbestos containing materials, containers of chemical products, and associated foundry sands/industrial debris within the building.

- Stabilize remaining site fill material with a soil and vegetation layer.

As discussed in Section 5.0 Interim Remedial Measures, the IRM accomplished the first RAO by demolishing the building and disposing of all building debris, containers of chemical products, waste foundry sands and associated industrial debris at off-site regulated disposal facilities. The IRM also accomplished the second RAO for the site in its undeveloped state by the placement of the clean restoration cover soil layer over the entire site.

In addition to achieving RAOs the Environmental Restoration Program calls for remedy evaluation in accordance with NYSDEC DER-10 whereby the remedial action is compared to the following criteria:

1 Overall Protection of Human Health and the Environment
- Exposure to human health and the environment after remediation
- Residual public health risks after remediation
- Residual environmental risks after remediation

2 Compliance with Remedial Action Objectives

3 Short-Term Effectiveness
- Protection of the community during remedial actions
- Environmental impacts
- Time to implement the remedy

4 Long-Term Effectiveness and Permanence
- Lifetime of remedial actions
- Residual risks
- Adequacy and reliability of controls

5 Reduction of Toxicity, Mobility and Volume
- Volume of hazardous substances reduced
- Reduction in mobility of hazardous substances
- Irreversibility of the destruction or treatment

6 Implementability

- Suitable to site conditions
- Consideration of feasibility
- Availability of services and materials

7 Cost Effectiveness

8 Community Acceptance

9.2 Alternatives Evaluation

The following sections evaluate remedial action alternatives that could be implemented at the site, which are compared to the criteria listed in Section 9.1.

9.2.1 No Further Action with ICs for Commercial Use Status

This alternative requires no further action beyond the IRM with institutional controls (IC) to restrict and manage community exposure to the impacted soils remaining at the site and meet Part 375 regulations for commercial development. Part 375 regulations describe the IC/EC general requirements for the various site classifications for future development. To restrict future development of the site to commercial use, the following IC/EC will be required.

Institutional Controls

The following ICs for the site are recommended.

1. Rezoning of the former foundry parcel from its current residential zoning to commercial use zoning. The zoning or current designated use for the railroad right-of-way can remain as is.

2. Imposing environmental easements (EE) on both the former foundry parcel and the section of the STERA railroad right of way included in the IRM.

3. Prepare a Site Management Plan (SMP) for the site as detailed in the Part 375 regulations.

The EE for the site would mandate the following:

- limiting the use and development of the foundry property within the easement area to commercial use;
- Compliance with the SMP;
- Restricting the use of groundwater as a source of potable or process water, without further testing and necessary water quality treatment as determined by the New York State Department of Health (NYSDOH); and
- The property owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls.

Engineering Controls

Though there are limited areas of the site with slightly elevated levels of metals and PAHs above commercial use criteria in some remaining fill, the site is suitable for commercial use and site redevelopment without further remedial measures. Therefore no engineering controls (EC) will be required for future development (commercial). The former foundry parcel was restored with a 6-inch soil layer to promote the propagation of a vegetation cover to stabilize soils on the site. This soil/vegetation cover does not constitute an engineering control for this site.

Future owners/developers of the site will be required to comply with the SMP and mitigate human exposure of construction workers to the fill and for proper management of any surplus fill spoils. As part of the SMP, a soils management plan will be required to manage the residual fill soil during future development activities where any disturbance to the site soil will be required. The SMP will only apply to the former foundry parcel as it will likely be sold by the County for future commercial reuse and redevelopment.

Based on the above with the completion of the IRM and proposed restriction of future site use to commercial use under Part 375 regulations to include institutional controls under an environmental easement the RAOs for the site will be successfully achieved.

Evaluation of the "no further action" with future development limited to commercial use through the implementation of ICs against DER-10 criteria is presented below.

1. Overall Protection of the Human Health and the Environment. The IRM removed the foundry building and disposed of all building debris, containers of chemical products, waste foundry sands and associated industrial debris at off-site regulated disposal facilities. The IRM also placed clean cover soil over the existing site soils to stabilize site soils with a vegetative cover.. The implementation of IC for future site development reduces the exposure risk of site soils to the public and will control the disturbance or movement of site soils through soils management practices.

2. Compliance with Remedial Action Objectives. With the completion of the IRM and the implementation of ICs for future development the RAOs for the site have been successfully achieved.

3. Short-Term Effectiveness. There are no short term impacts and risks to the community, workers and the environment for the site in its current state (undeveloped) under the "no further action" remedy. As noted previously, the implementation of IC for future development will reduce and/or eliminate any short term impacts and risks to the community, workers and the environment.

4. Long-Term Effectiveness and Permanence. With the completion of the IRM and implementation of the "no further action" remedy residual impacted soils remain on site beneath the clean soil cover. The risks to the community and the environment are minimal as a result of the cover placement and vegetative growth to reduce erosion. The implementation of IC for future site development will adequately reduce the exposure risk of site soils to the public and will control the disturbance or movement of site soils through

soils management practices. To assure future compliance to the IC Part 375 regulations require the current/future property owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls.

5. Reduction of Toxicity, mobility and Volume. With the completion of the IRM the predominant volume of waste material has been removed from the site and properly disposed off-site. The remaining residual contamination in the soil has been covered with a clean soil layer that has been properly graded to reduce run-off erosion. ICs for future development will require that the residual contaminated soils on site be managed under a soils management plan that will require that any exposed residual contaminated soils resulting from development will be covered with clean soils and/or buildings/pavement sections all as prescribed in Part 375 regulations for commercial development.

6. Implementability. With the "no further action" remedy there is nothing to implement at the site in its undeveloped state. There does not appear to be any implementation issues related to ICs for future commercial development of the site.

7. Cost Effectiveness. There will be no capital, operational or monitoring costs related to the "no further action" with IC alternative. The cost of the periodic certification to the NYSDEC of the IC will be borne by the site owner.

8. Community Acceptance The criterion of community acceptance will be evaluated by The Village of Randolph and NYSDEC following issuance of the proposed remedy.

9.2.2 Unrestricted Use Alternative

An Unrestricted Use alternative would necessitate remediation of all soil/fill where concentrations exceed the Unrestricted Use SCOs per 6NYCRR Part 375 after implementation of the IRM. For Unrestricted Use scenarios, excavation and off-site disposal of impacted soil/fill is generally regarded as the most applicable remedial measure, because institutional controls cannot be used to supplement the remedy. As such, the Unrestricted Use alternative assumes that those areas with constituents above Unrestricted Use SCOs would be excavated and disposed at an off-site commercial solid waste landfill.

The soil sample analytical results from the RI test trenching program indicate that a number of compound concentrations in the remaining foundry sands and fill material across the site, to natural grade, exceed unrestricted use SCOs. All of this fill material would have to be removed and disposed at a commercial solid waste landfill. The estimated total volume of impacted foundry sands/fill material that would be removed from this area is approximately 5,100 cubic yards. Approximately the same amount of imported clean fill would be required to replace the excavated material and grade the site for proper drainage. It is assumed that no groundwater remediation would be required under this alternative.

A comparison of the unrestricted use alternative to the DER-10 criteria is provided below.

1. Overall Protection of the Human Health and the Environment. The Unrestricted Use alternative would achieve the corresponding Part 375 SCOs, which are designed to be

protective of human health under any reuse scenario.

2. Compliance with Remedial Action Objectives. With the completion this alternative the RAOs for the site have been successfully achieved.

3. Short-Term Effectiveness. The short-term adverse impacts and risks to the community, workers, and environment during implementation of the Unrestricted Use alternative are not considered significant and are controllable, but would increase the duration of time community, workers, and the environment is exposed to fugitive dust and potentially VOC vapors from groundwater during remediation.

4. Long-Term Effectiveness and Permanence. The Unrestricted Use alternative would achieve removal of all residual impacted soil/fill; therefore, no soil/fill exceeding the Unrestricted SCOs would remain on the Site. Therefore, the Unrestricted Use alternative would provide long-term effectiveness and permanence.

5. Reduction of Toxicity, mobility and Volume. Through removal of all impacted soil/fill the Unrestricted Use alternative would permanently and significantly reduce the toxicity, mobility, and volume of Site contamination.

6. Implementability. There are no significant technical or administrative limitations to completing this alternative.

7. Cost Effectiveness. The capital cost to implement the unrestricted use alternative is estimated to be approximately $535,000. The cost includes the removal and disposal of an estimated 5100 cubic yards of fill material at a commercial solid waste landfill and importing and placement of an estimated 5,100 cubic yards of clean stone/gravel fill material.

8. Community Acceptance The criterion of community acceptance will be evaluated by The Village of Randolph and NYSDEC following issuance of the proposed remedy.

9.3 Recommended Remedial Measure

Based on the above evaluation the “no further action” with ICs for commercial use status fully satisfies the remedial action objectives and is fully protective of human health and the environment. Therefore, this alternative is the recommended as the final remedy for the Former Randolph Foundry site.

TABLE 1

Test Pit Surface/Subsurface Soil Sample Analytical Results - Site Investigation Program

Former Randolph Foundary, Randolph, New York

									NYSDEC PART 375	NYSDEC PART 375
Sample Number	**RF-TP-01A**	**RF-TP-01B**	**RF-TP-04A**	**RF-TP-04B**	**RF-TP-05A**	**RF-TP-05B**	**RF-TP-05C**	**RF-TP-06A**	**Commercial**	**Industrial**
	mg/kg	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**Cleanup Objectives**	**Cleanup Objectives**
Sample Date	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**mg/kg**	**mg/kg**
Sample Depth	**Surface**	**5-6.5 ft.**	**Surface**	**2-4 ft.**	**Surface**	**4-5 ft.**	**5-5.5 ft.**	**Surface**	**(a)**	**(b)**
Metals										
Aluminum	4620 EN*	7800 EN*	4810 EN*	4650 EN*	3590 EN*	5350 EN*	8480 EN*	3600 EN*	N/A	N/A
Aresnic	4.2 *	4.9 *	7.2 *	9.2 *	4.8 *	8.6 *	7.2 N*	4.6 *	16	16
Barium	52.8 E*	57.3 E*	64.3 E*	68.2 E*	59.1 E*	66.7 E*	198 E*	69.3 E*	400	10,000
Beryillium	0.24	ND	0.23	0.37	0.27	0.38	0.28	ND	590	2,700
Cadmium	ND	ND	0.42	ND	0.49	ND	ND	ND	9.3	60
Calcium	37700 E*	746 E*	13900 E*	12900 E*	8790 E*	5990 E*	1410 E*	45600 E*	N/A	N/A
Chromium	7.1 E	8.8 E	22.7 E	5.6 E	21.1 E	12.7 E	8.8 E	17.7 E	400 #	800 #
Cobalt	3.3 E	6.3 E	3.5 E	5.7 E	3.1 E	6.1 E	8.3 E	3 E	N/A	N/A
Copper	66.7 EN*	24 EN*	967 EN*	81.4 EN*	138 EN*	158 EN*	18.2 EN*	32.3 EN*	270	10,000
Iron	12300 E*	14900 E*	21200 E*	16000 E*	21100 E*	34500 E*	18800 E*	22900 E*	N/A	N/A
Lead	15 N	15.2 N	65.4 N	84 N	128 N	158 N	19.4 N	22.6 N	1,000	3,900
Magnesium	4630 E*	2400 E*	2300 E*	3730 E*	1090 E*	1460 E*	2030 E*	4620 E*	N/A	N/A
Manganese	533 E*	186 E*	562 E*	553 E*	338 E*	586 E*	1550 E*	411 E*	10,000	10,000
Mercury	0.032	0.209	0.25	0.052	0.11	0.105	0.077	ND	2.8	5.7
Nickel	9.6 EN*	13 EN*	18.2 EN*	10.5 EN*	24 EN*	20.2 EN*	17 EN*	16.6 EN*	310	10,000
Potassium	567 EN	659 EN	488 EN	615 EN	543 EN	650 EN	791 EN	429 EN	N/A	N/A
Silver	ND	ND	ND	ND	ND	ND	ND	ND	1,500	6,800
Sodium	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
Vanadium	6.3 E	9.4 E	8.2 E	8.2 E	7.7 E	15.7 E	11.4 E	5.6 E	N/A	N/A
Zinc	73.2 EN*	62.7 EN*	180 EN*	46.6 EN*	233 EN*	170 EN*	49.2 EN*	72.2 EN*	10,000	10,000
PCB's/Pest										
PCB 1242	ND	ND	0.12	ND	0.046	0.03	ND	ND	1	25
PCB 1248	0.01 J	ND	ND	ND	ND	ND	ND	ND	1	25
PCB 1254	ND	0.0067 J	0.04	ND	ND	ND	ND	0.012 J	1	25
PCB 1260	0.035	ND	0.1	ND	0.029	0.029	ND	0.018	1	25
Semi-Volatile Organics										
4-Chloroaniline	ND	0.077 J	ND	ND	ND	ND	ND	ND	N/A	N/A
Acenaphthene	ND	ND	0.052 J	0.01 J	0.34	1.3	ND	ND	500	1,000
Acenaphthylene	0.24 J	ND	0.1 J	0.047 J	0.4	0.96	0.033 J	0.26 J	500	1,000
Anthracene	0.094 J	ND	0.35 J	0.06 J	1.1	4.3	0.03 J	0.097 J	500	1,000
Benzo(a)anthracene	0.59 J	ND	1.5	0.19	2.8	**8.8 (a)**	0.15 J	0.44	5.6	11
Benzo(a)pyrene	0.69 J	0.01 J	**1.2 (a), (b)**	0.16 J	**2.3 (a), (b)**	**7 (a), (b)**	0.14 J	0.5	1	1.1
Benzo(b)fluoranthene	0.76 J	ND	1.7	0.2	2.5	**7 (a)**	0.16 J	0.57	5.6	11
Benzo(g,h,I)perylene	0.65 J	ND	0.96	0.12 J	1.4	4.4	0.094 J	0.29 J	500	1,000
Benzo(k)fluoranthene	0.3 J	ND	0.52	0.082 J	1.2	3.3	0.064 J	0.25 J	56	110
Biphenyl	ND	ND	0.054 J	ND	0.086 J	0.21 J	ND	ND	N/A	N/A
Bis(2-ethylhexyl) phthalate	1.3	ND	1.5	ND	0.68	0.35 J	ND	0.16 J	N/A	N/A
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
Carbazole	ND	ND	0.24 J	0.04 J	0.46	1.7	ND	0.017 J	N/A	N/A
Chrysene	0.54 J	ND	1.5	0.17 J	2.6	7.5	0.14 J	0.44	56	110
Di-n-octyl phthalate	ND	ND	0.054 J	ND	ND	ND	ND	ND	N/A	N/A
Dibenzo(a,h)anthracene	0.14 J	ND	0.23 J	0.039 J	0.37	**1.1 (a), (b)**	0.028 J	0.031 J	0.56	1.1
Dibenzofuran	ND	ND	0.11 J	0.018 J	0.46	1.3	ND	0.016 J	N/A	N/A
Fluoranthene	0.78 J	ND	3	0.42	5.3	18	0.26	0.61	500	1,000
Flourene	ND	ND	0.08 J	0.034 J	0.68	2.6	ND	0.021 J	500	1,000
Indeno(1,2,3-cd)pyrene	0.55 J	ND	0.81	0.11 J	1.3	4.1	0.091 J	0.26 J	5.6	11
2-methylnaphthalene	ND	ND	0.26 J	0.024 J	0.4	0.97	0.018 J	0.041 J	N/A	N/A
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
N-nitrosodiphenylamine	ND	ND	0.031 J	ND	ND	ND	ND	ND	N/A	N/A
Naphthalene	ND	ND	ND	0.017 J	0.62	1.7	0.014 J	0.044 J	500	1,000
Phenanthrene	0.29 J	ND	1.8	0.29	4.3	16	0.11 J	0.2 J	500	1,000
Pyrene	0.76 J	ND	2.5	0.3	4.8	16	0.24	0.63	500	1,000
Volatile Organics										
Methylene chloride	N/A	0.013 B	N/A	0.021 B	N/A	0.025 B	0.016 J	N/A	500	1,000
Ethylebenzene	N/A	ND	N/A	ND	N/A	ND	ND	N/A	390	780
Total Xylenes	N/A	ND	N/A	ND	N/A	ND	ND	N/A	500	1,000
2-Butanone	N/A	ND	N/A	ND	N/A	0.01 J	ND	N/A	N/A	N/A
Acetone	N/A	ND	N/A	ND	N/A	0.067	0.006 J	N/A	500	1,000

									NYSDEC PART 375	NYSDEC PART 375
Sample Number	**RF-TP-06B**	**RF-TP-07A**	**RF-TP-07B**	**RF-TP-07C**	**RF-TP-08A**	**RF-TP-08B**	**RF-TP-09A**	**RF-TP-11A**	**Commercial**	**Industrial**
	mg/kg	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**Cleanup Objectives**	**Cleanup Objectives**
Sample Date	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**12/16/2008**	**mg/kg**	**mg/kg**
Sample Depth	**4-4.5 ft.**	**Surface**	**4-4.5 ft.**	**5-5.5 ft.**	**Surface**	**2-2.5 ft.**	**Surface**	**Surface**	**(a)**	**(b)**
Metals										
Aluminum	10900 EN*	3350 EN*	2070 EN*	6910 EN*	7140 EN*	9180 EN*	3730 EN*	8580 EN*	N/A	N/A
Aresnic	8.9 *	3.6 *	2.4 *	7.2 *	12.3 *	9.2 *	6.1 *	11.6 *	16	16
Barium	71.8 E*	36.6 E*	21.4 E*	296 E*	128 E*	229 E*	57.1 E*	163 E*	400	10,000
Beryillium	0.49	ND	ND	ND	0.31	0.25	ND	0.33	590	2,700
Cadmium	ND	0.29	0.41	ND	0.87	ND	0.3	1.4	9.3	60
Calcium	22600 E*	4310 E*	911 E*	44000 E*	19600 E*	3510 E*	1990 E*	6430 E*	N/A	N/A
Chromium	13.9 E	11.4 E	10.3 E	9.1 E	38.1 E	10.4 E	6.6 E	43.7 E	400 #	800 #
Cobalt	9.7 E	2.4 E	1.3 E	6 E	7.7 E	8.3 E	2.1 E	8.9 E	N/A	N/A
Copper	20.9 EN*	51.5 EN*	31.1 EN*	13.2 EN*	**834 EN* (a)**	39.7 EN*	96.5 EN*	**1300 EN* (a)**	270	10,000
Iron	23300 E*	12600 E*	9610 E*	16400 E*	59200 E*	19000 E*	10800 E*	49700 E*	N/A	N/A
Lead	11.1 N	56.5 N	39.3 N	13.1 N	140 N	25.9 N	79.2 N	541 N	1,000	3,900
Magnesium	9820 E*	1200 E*	402 E*	27600 E*	2350 E*	2610 E*	590 E*	1980 E*	N/A	N/A
Manganese	363 E*	342 E*	122 E*	981 E*	891 E*	648 E*	354 E*	982 E*	10,000	10,000
Mercury	ND	0.07	0.082	ND	0.214	0.034	0.074	0.074	2.8	5.7
Nickel	24.2 EN*	11.7 EN*	10.4 EN*	14 EN*	79.4 EN*	18.7 EN*	7.7 EN*	44.2 EN*	310	10,000
Potassium	1380 EN	378 EN	221 EN	709 EN	815 EN	710 EN	358 EN	733 EN	N/A	N/A
Silver	ND	ND	ND	ND	ND	ND	ND	0.71	1,500	6,800
Sodium	ND	ND	ND	ND	177 *	ND	ND	ND	N/A	N/A
Vanadium	16.6 E	5 E	3.6 E	10 E	22.1 E	10.2 E	6.7 E	16.4 E	N/A	N/A
Zinc	55.1 EN*	117 EN*	82.3 EN*	41.7 EN*	436 EN*	79.5 EN*	148 EN*	645 EN*	10,000	10,000
PCB's/Pest										
PCB 1242	ND	0.054	ND	ND	ND	ND	ND	ND	1	25
PCB 1248	ND	ND	ND	ND	0.18	0.011 J	ND	ND	1	25
PCB 1254	ND	0.026	0.03	ND	ND	ND	ND	ND	1	25
PCB 1260	ND	ND	ND	ND	0.055	0.004 J	ND	ND	1	25
Semi-Volatile Organics										
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
Acenaphthene	ND	0.019 J	0.015 J	ND	0.6 J	ND	0.3 J	0.048 J	500	1,000
Acenaphthylene	ND	0.082 J	0.032 J	ND	0.42 J	ND	0.3 J	0.11 J	500	1,000
Anthracene	ND	0.09 J	0.073 J	ND	2.1	0.008 J	1.3	0.18 J	500	1,000
Benzo(a)anthracene	ND	0.49	0.33	ND	5	0.039 J	2.6	1.1	5.6	11
Benzo(a)pyrene	ND	0.52	0.46	ND	**4.7 (a), (b)**	0.045 J	**2.2 (a), (b)**	**1.5 (a), (b)**	1	1.1
Benzo(b)fluoranthene	ND	0.82	0.69	ND	**6 (a)**	0.061 J	2.6	2	5.6	11
Benzo(g,h,I)perylene	ND	0.34 J	0.29	ND	2.1	0.033 J	1	0.94 J	500	1,000
Benzo(k)fluoranthene	ND	0.23 J	0.28	ND	2	0.024 J	1.2	0.84 J	56	110
Biphenyl	ND	0.04 J	0.069 J	ND	0.1 J	ND	0.059 J	ND	N/A	N/A
Bis(2-ethylhexyl) phthalate	ND	0.4	0.34	ND	9.8	0.29	0.34 J	4.9	N/A	N/A
Caprolactam	ND	ND	0.11 J	ND	ND	ND	ND	ND	N/A	N/A
Carbazole	ND	0.042 J	0.027 J	ND	0.92	ND	0.22 J	0.16 J	N/A	N/A
Chrysene	ND	0.56	0.52	ND	4.2	0.042 J	2.3	1.4	56	110
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
Dibenzo(a,h)anthracene	ND	0.032 J	0.076 J	ND	0.54 J	ND	0.094 J	0.24 J	0.56	1.1
Dibenzofuran	ND	0.056 J	0.084 J	ND	0.75 J	ND	0.37 J	0.073 J	N/A	N/A
Fluoranthene	ND	0.81	0.37	ND	12	0.072 J	6.4	2.1	500	1,000
Flourene	ND	0.025 J	0.023 J	ND	1.1	ND	0.67 J	0.066 J	500	1,000
Indeno(1,2,3-cd)pyrene	ND	0.3 J	0.24	ND	2	0.028 J	0.98	0.81 J	5.6	11
2-methylnaphthalene	ND	0.15 J	0.26	ND	0.24 J	ND	0.17 J	0.23 J	N/A	N/A
2-Methylphenol	ND	ND	0.021 J	ND	ND	ND	ND	ND	N/A	N/A
N-nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A
Naphthalene	ND	0.2 J	0.38	ND	0.21 J	0.008 J	0.15 J	0.18 J	500	1,000
Phenanthrene	ND	0.46	0.41	ND	11	0.039 J	5.7	1.1	500	1,000
Pyrene	ND	0.7	0.34	ND	8.8	0.059 J	4.8	1.8	500	1,000
Volatile Organics										
Methylene chloride	0.017 B	N/A	0.009 B	0.014 B	N/A	0.014 B	N/A	N/A	500	1,000
Ethylebenzene	ND	N/A	ND	ND	N/A	0.006 J	N/A	N/A	390	780
Total Xylenes	ND	N/A	ND	ND	N/A	0.098	N/A	N/A	500	1,000
2-Butanone	ND	N/A	ND	ND	N/A	ND	N/A	N/A	N/A	N/A
Acetone	0.028	N/A	ND	0.009 J	N/A	0.013 J	N/A	N/A	500	1,000

Key:

mg/kg - milligrams per kilograms (parts per million)
ND - Not Detected
J - The result is an estimated quantity
E - Result is estimated due to interferences
(a) - Value exceeded this NYSDEC Commercial cleanup objective
(b) - Value exceeded this NYSDEC Industrial cleanup objective
D - The sample result was reported from a secondary dilution analysis
N/A - Not Available
N - Indicates persumptive evidence of compounds
* - Not within the control limits
B - Analyte found in blank and in sample

Sample Date: December 16, 2008

TABLE 2

Demolition Confirmation Soil Sample Analytical Results - Site Investigation Program

Former Randolph Foundary, Randolph, New York

Sample Location	Large Sump Northwest	Large Sump Southeast	North Sump	Septic Tank	NYSDEC PART 375 Commercial Cleanup Objectives	NYSDEC PART 375 Industrial Cleanup Objectives
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample date	**9/9/2008**	**9/9/2008**	**9/9/2008**	**9/9/2008**		
Sample Depth	**Below Sump**	**Below Sump**	**Below Sump**	**Below Tank**	**(a)**	**(b)**
Metals						
Aluminum	12400	7590	7820	5880	N/A	N/A
Aresnic	8.7	5.6	8.9	20.7 (a), (b)	16	16
Barium	228	258	116	205	400	10,000
Beryillium	0.3	0.28	0.5	0.28	590	2,700
Cadmium	ND	ND	0.64	ND	9.3	60
Calcium	2220	2280	55400	1230	N/A	N/A
Chromium	14.8	9.2	48.7	8.4	400 #	800 #
Cobalt	10	5.4	5.5	4.7	N/A	N/A
Copper	30.1	16.8	105	15.8	270	10,000
Iron	24500	17900	31800	14700	N/A	N/A
Lead	9.6	7.8	143	9.2	1,000	3,900
Magnesium	5440	2440	4080	1780	N/A	N/A
Manganese	453	1110	1150	735	10,000	10,000
Mercury	ND	0.031	0.075	ND	2.8	5.7
Nickel	17.4	13.9	28.9	11.2	310	10,000
Potassium	2060	732	783	764	N/A	N/A
Silver	ND	ND	ND	ND	1,500	6,800
Sodium	414	154	ND	ND	N/A	N/A
Vanadium	26.4	9.5	25.4	8.9	N/A	N/A
Zinc	72.6	48.8	350	36.4	10,000	10,000
Cyanide - Total (wet chem)	2.6	ND	ND	ND	27	10,000
PCB's/Pest						
PCB 1242	ND	ND	ND	ND	1	25
PCB 1248	0.29	0.27	ND	ND	1	25
PCB 1254	ND	ND	0.037	ND	1	25
PCB 1260	ND	ND	ND	ND	1	25
4,4'-DDT	0.016 J	ND	ND	0.00096 J	47	94
Semi-Volatile Organics						
2,4-Dimethylphenol	1.7 - 1.3 J	0.22	ND	ND	N/A	N/A
4-Chloroaniline	ND	ND	ND	ND	N/A	N/A
Acenaphthene	ND	ND	ND	ND	500	1,000
Acenaphthylene	ND	ND	0.097 J	ND	500	1,000
Anthracene	ND	0.007 J	0.19 J	ND	500	1,000
Benzo(a)anthracene	0.014 J	ND	0.8 J	ND	5.6	11
Benzo(a)pyrene	ND	ND	0.62 J	ND	1	1.1
Benzo(b)fluoranthene	ND	ND	0.74 J	ND	5.6	11
Benzo(g,h,I)perylene	ND	ND	0.4 J	ND	500	1,000
Benzo(k)fluoranthene	ND	ND	0.32 J	ND	56	110
Biphenyl	ND	ND	ND	ND	N/A	N/A
Bis(2-ethylhexyl) phthalate	ND	0.073 J	0.72 J	ND	N/A	N/A
Caprolactam	ND	ND	ND	ND	N/A	N/A
Carbazole	ND	ND	0.096 J	ND	N/A	N/A
Chrysene	ND	0.027 J	0.67 J	ND	56	110
Di-n-octyl phthalate	ND	ND	ND	ND	N/A	N/A
Dibenzo(a,h)anthracene	ND	ND	0.12 J	ND	0.56	1.1
Dibenzofuran	ND	ND	0.14 J	ND	N/A	N/A
Fluoranthene	0.014 J	0.009 J	1.5 J	ND	500	1,000
Flourene	ND	ND	ND	ND	500	1,000
Indeno(1,2,3-cd)pyrene	ND	ND	0.36 J	ND	5.6	11
2-methylnaphthalene	ND	ND	0.32 J	ND	N/A	N/A
2-Methylphenol	3.0 - 0.039 J	ND	ND	ND	N/A	N/A
4-Methylphenol	3.6 J	0.46 - 041 J	ND	ND	N/A	N/A
N-nitrosodiphenylamine	ND	ND	ND	ND	N/A	N/A
Naphthalene	ND	ND	0.26 J	ND	500	1,000
Phenanthrene	0.015 J	0.012 J	1.0 J	ND	500	1,000
Phenol	4.1 - 5.4	1.2 - 1.4 J	ND	ND	500	1,000
Pyrene	0.008 J	ND	1.1 J	ND	500	1,000
Volatile Organics						
Acetone	0.13	ND	ND	ND	500	1000
Methylene chloride	0.009 B	ND	0.012 B	0.008 B	500	1,000
Ethylebenzene	ND	ND	ND	ND	390	780
Total Xylenes	ND	ND	ND	ND	500	1,000
2-Butanone	ND	ND	ND	ND	N/A	N/A
Acetone	0.13	ND	ND	ND	500	1,000

Key:

mg/kg - milligrams per kilograms (parts per million)

ND - Not Detected

J - The result is an estimated quantity

E - Result is estimated due to interferences

(a) - Value exceeded this NYSDEC Commercial cleanup obj

(b) - Value exceeded this NYSDEC Industrial cleanup objective

B - Analyte is found in the associated balnk sample.

D - The sample result was reported from a secondary dilution analysis

N/A - Not Available

N - Indicates persumptive evidence of compounds

* - Not within the control limits

B - Analyte found in blank and in sample

TABLE 3

Groundwater Sample Analytical Results - Site Investigation Program

Former Randolph Foundary, Randolph, New York

Sample Location	MW-02
Sample date	**12/30/2008**
Unit	**UG/L**
Semi-Volatile Organics (1)	
2,4-Dimethylphenol	ND
4-Chloroaniline	ND
Acenaphthene	ND
Acenaphthylene	ND
Anthracene	ND
Benzo(a)anthracene	ND
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	ND
Benzo(g,h,I)perylene	ND
Benzo(k)fluoranthene	ND
Biphenyl	ND
Bis(2-ethylhexyl) phthalate	ND
Caprolactam	ND
Carbazole	ND
Chrysene	ND
Di-n-octyl phthalate	ND
Dibenzo(a,h)anthracene	ND
Dibenzofuran	ND
Fluoranthene	ND
Flourene	ND
Indeno(1,2,3-cd)pyrene	ND
2-methylnaphthalene	ND
2-Methylphenol	ND
4-Methylphenol	ND
N-nitrosodiphenylamine	ND
Naphthalene	ND
Phenanthrene	ND
Phenol	ND
Pyrene	ND
Volatile Organics (1)	
Methylene chloride	ND
Ethylebenzene	ND
Total Xylenes	ND
2-Butanone	ND
Acetone	ND

Key:

UG/L - micrograms per liter

ND - Not Detected

(1)-The above is a partial list of compounds from the full TCL SVOC and TCL VOC list analyzed for at the laboratory. All compounds on the complete list analyzed for were non-detect.

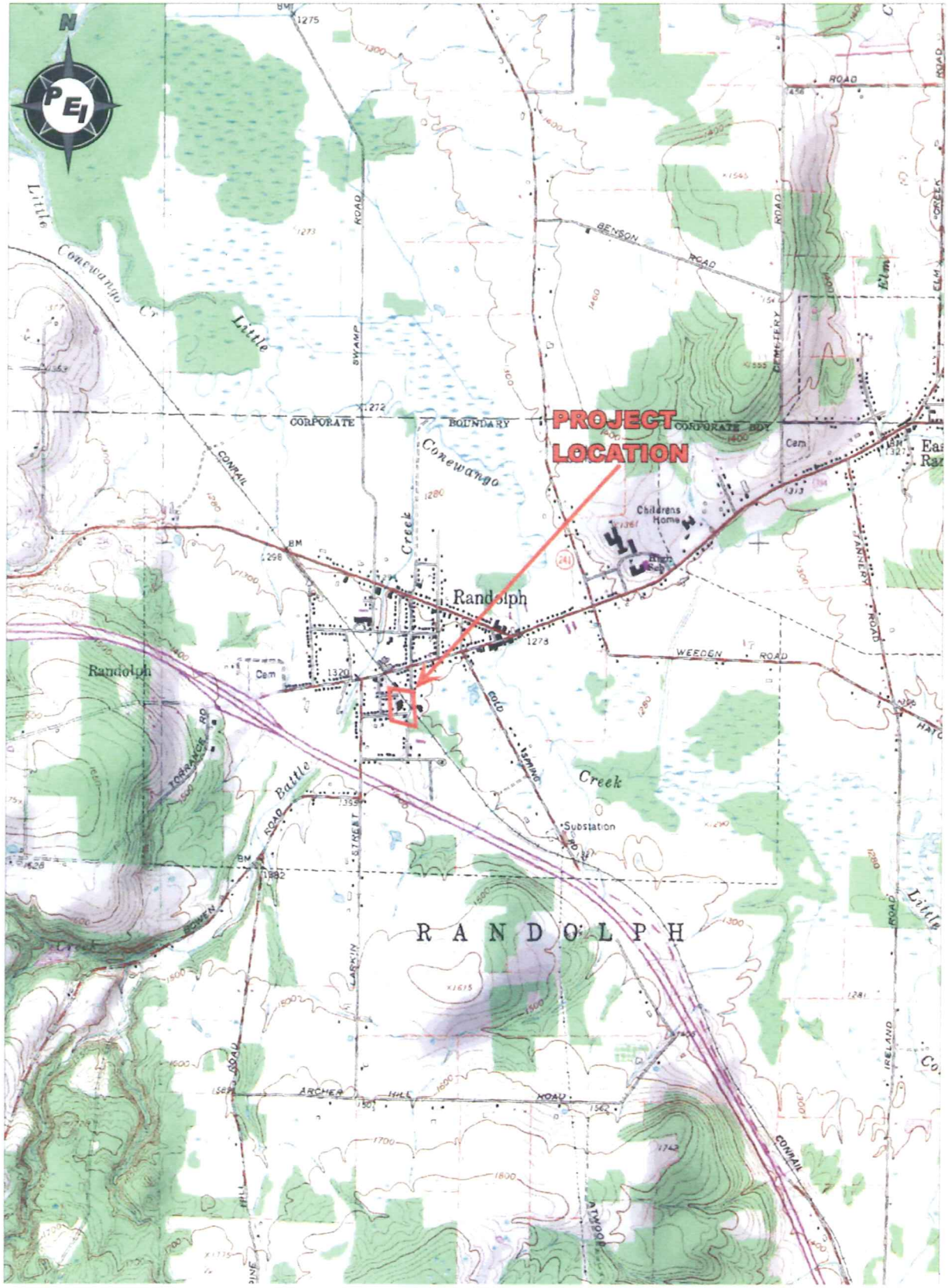


Figure 1. Project areas location in Village of Randolph, Cattaraugus County, New York *(USGS 7.5' Quadrangle, Randolph, NY 1986 [1965]).*

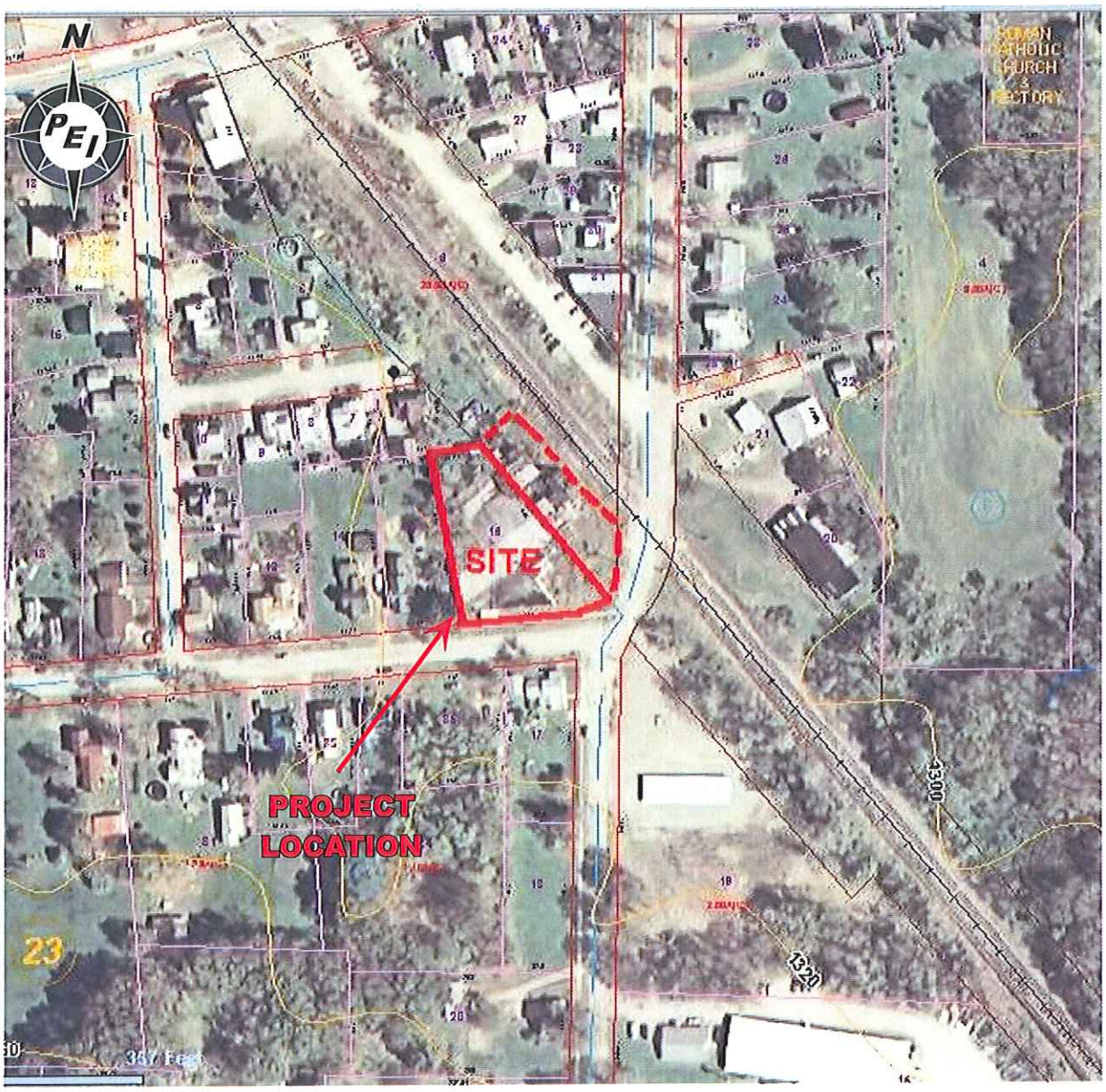
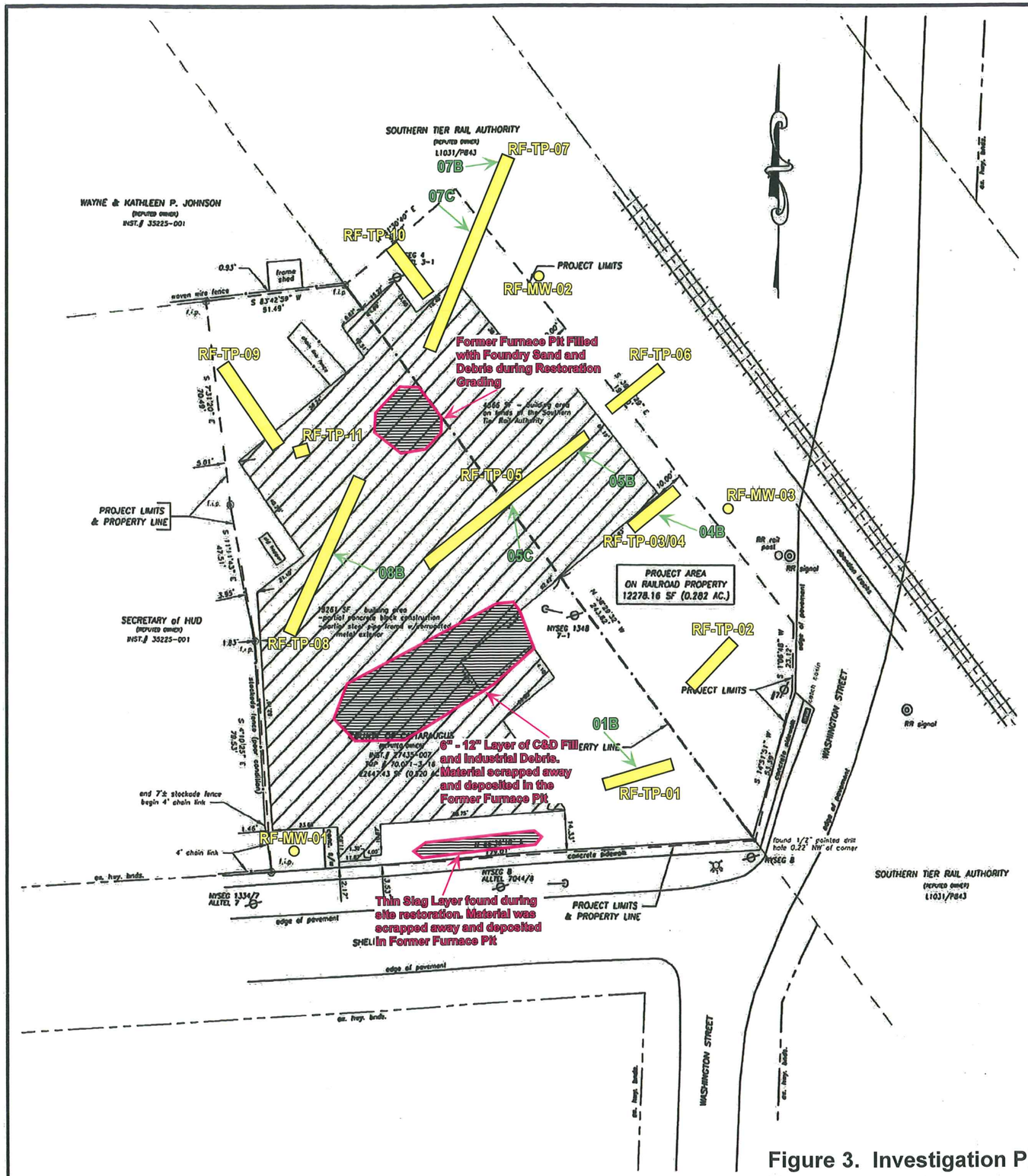


Figure 2. Project Location Plan (Regional Plan with USGS Topo).



MAP NOTES:

1. This survey was completed using Cattaraugus Abstract Corp. Search No. 43523. Other documents of record reviewed and considered as a part of this survey are noted hereon.
2. To be valid, copies hereof must contain the land surveyor's original signature and embossed or red ink seal.
3. This survey is subject to the rights of the public and others to that portion lying within the bounds of Sheldon Street and Washington Street.
4. Dates of field work: 3-30-06 and 5-15-06.
5. ○ = Set 5/8" rebar w/flagging — D. = deeded; ◉ I.I.p. = found iron pin/pipe — M. = measured; ▬ building area — C. = calculated
6. No certification is made as to the locations of underground utilities such as, but not limited to, electric, telephone, cable TV, gas, water, sanitary, and storm sewers. Only above ground feature locations are certified. Other utility locations shown hereon are approximate. Also other utilities may exist of which this surveyor has no knowledge.
7. Reference bearing = southeasterly bounds of railroad property.
8. This survey is in accord with the existing code of practice for land surveys of the New York State Association of Professional Land Surveyors.

▭ - Test Trench

○ - GW Well

- Test Trench ID

- Sample Location

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SCALE: 1"=50' | DATE: MAY-2006 | DWG. FILE | DRWN. ---- | CH. ---- | APP. ----

REVISIONS: 1. Added "Project Limits" within Rail Auth. property. — DATE 10-2-06

SURVEY I | C-4-06 | SEC. RANDOLPH-4 | PG. 1-4 | LOT 23 | T 2 | R 9

ENHANCEMENT ALTERATION OF ORIGINAL ID THIS SURVEY MAP PURSUANT TO SECTION 7208 OF THE NEW YORK STATE EDUCATION LAW

CAD DRAWING: DO NOT EDIT ANNUALLY

CATTARAUGUS COUNTY
DEPARTMENT OF PUBLIC WORKS
8810 NYS ROUTE 242
LITTLE VALLEY, NEW YORK 14755
716-938-9121

SURVEY OF 0.52 AC. ON SHELDON ST.

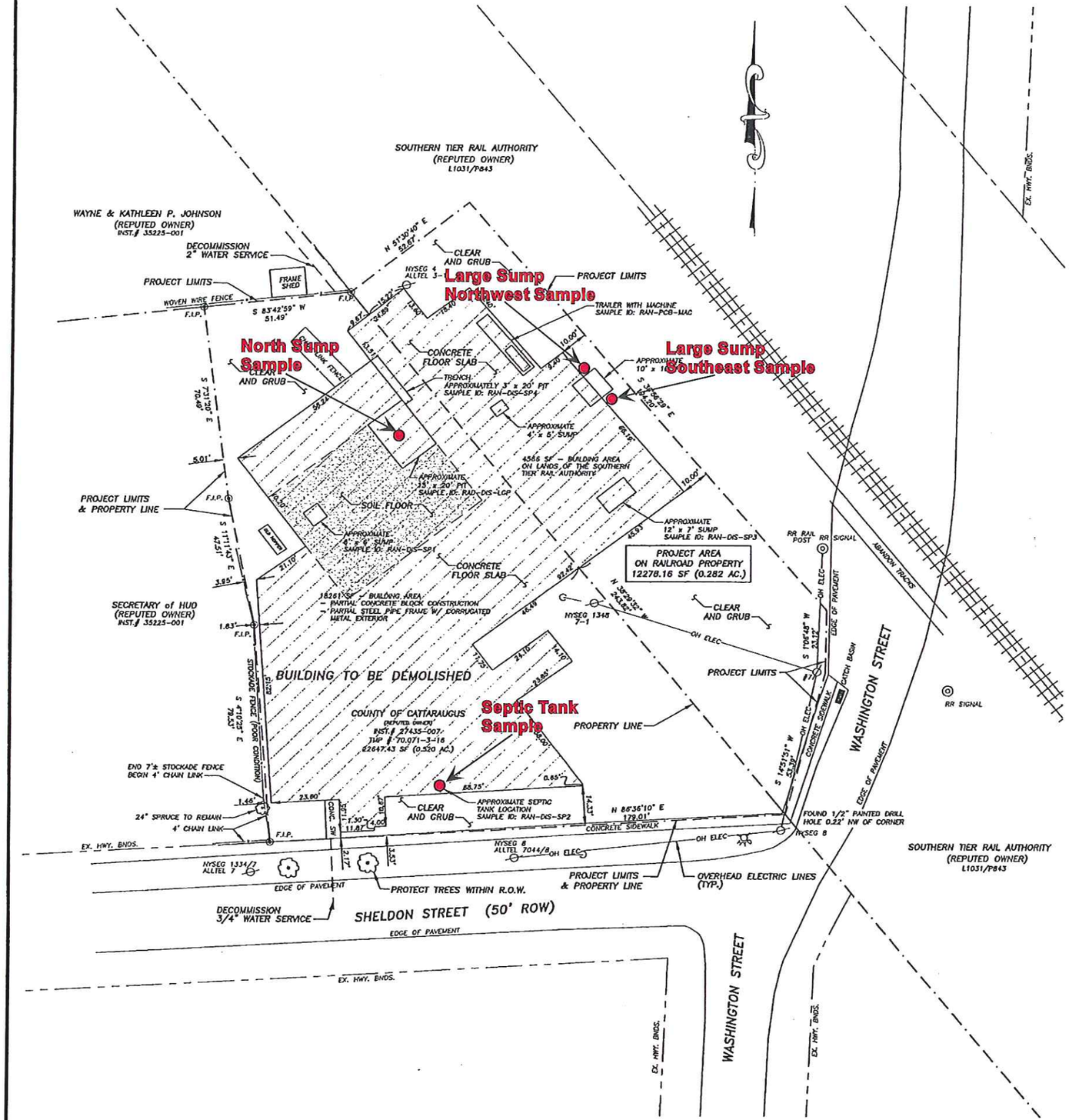
VILLAGE OF RANDOLPH | COUNTY OF CATTARAUGUS | STATE OF NEW YORK

SURVEY OF 0.52 ACRES
LANDS OF CATTARAUGUS COUNTY
AT THE INTERSECTION OF SHELDON & WASHINGTON STREETS

SHEET 1 OF 1

PROJECT NO. RANDOLPH(V) 70.071-3-16

Figure 3. Investigation Plan (TVGA demo plan with trenches and sample locations)



MAP NOTES PROVIDED BY CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS:

1. THIS SURVEY WAS COMPLETED USING CATTARAUGUS ABSTRACT CORP. SEARCH NO. 43523. OTHER DOCUMENTS OF RECORD REVIEWED AND CONSTRUCTED AS A PART OF THIS SURVEY ARE NOTED HEREON.
2. TO BE VALID, COPIES HEREOF MUST CONTAIN THE LAND SURVEYOR'S ORIGINAL SIGNATURE AND EMBOSSED OR RED INK SEAL.
3. THIS SURVEY IS SUBJECT TO THE RIGHTS OF THE PUBLIC AND OTHERS TO THAT PORTION LYING WITHIN THE BOUNDS OF SHELDON STREET AND WASHINGTON STREET.
4. DATES OF FIELD WORK: 3-30-06 AND 5-15-06.
5. O = SET 5/8" REBAR W/ FLAGGING; D. = DEEDED; ◉ F.I.P. = FOUND IRON PIN/ PIPE; M. = MEASURED; BUILDING AREA; C. = CALCULATED
6. NO CERTIFICATION IS MADE AS TO THE LOCATIONS OF UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, ELECTRIC, TELEPHONE, CABLE, TV, GAS, WATER, SANITARY, AND STORM SEWERS. ONLY ABOVE GROUND FEATURE LOCATIONS ARE CERTIFIED. OTHER UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. ALSO OTHER UTILITIES MAY EXIST OF WHICH THIS SURVEYOR HAS NO KNOWLEDGE.
7. REFERENCE BEARING = SOUTHEASTERLY BOUNDS OF RAILROAD PROPERTY.
8. THIS SURVEY IS IN ACCORD WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS OF THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

DEMOLITION NOTES:

1. THIS DEMOLITION PLAN WAS DEVELOPED FROM SURVEY INFORMATION PROVIDED BY THE CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS. IT DOES NOT ACCURATELY REPRESENT THE CURRENT BUILDING CONDITIONS, WALL THICKNESSES, TRENCH DRAIN DIMENSIONS, SUMP OR PIT DRAIN SIZES BUILDING MATERIALS, ETC. THE INTENTION OF THE DEMOLITION PLAN IS TO PRESENT THE APPROXIMATE AREA OF THE BUILDING AND THE APPROXIMATE LOCATION OF THE DRAINAGE FEATURES (TRENCH DRAINS, PITS, SUMPS, ETC.) AND PROJECT LIMITS. THE CONTRACTOR IS RESPONSIBLE TO VISIT THE PROJECT SITE AND DEVELOP FIELD QUANTITIES PRIOR TO SUBMITTING A BID.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ALL DISCREPANCIES REPORTED TO THE OWNERS REPRESENTATIVE. ANY DISCREPANCIES SHALL NOT BE VALID FOR A CHANGE ORDER.
3. THESE DRAWINGS DO NOT PRECLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE DESIGN OF TEMPORARY SHORING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES RESULTING FROM FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
6. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL PUBLICLY OWNED UTILITIES, CATCH BASINS, MANHOLES, DRAINAGE FEATURES, AND SIDEWALKS.
7. THE CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT STORM DRAINS FROM SEDIMENT AND RUNOFF ORIGINATING FROM DUST CONTROL WATER OR PRECIPITATION.
8. THE CONTRACTOR WILL INSTALL A TEMPORARY SECURITY FENCE AROUND THE PROJECT SITE.
9. APPROXIMATE WATER SERVICE LOCATIONS PROVIDED BY VILLAGE OF RANDOLPH DPW.
10. PRESERVE AND PROTECT EXISTING UTILITY POLE NYSEG 1348 7-1 AND OVERHEAD LINE.

REV	DESCRIPTION	DATE	BY
1	UPDATED REVISIONS	05/30/08	DMS
2	MISC. EDITS	11/14/07	CJR

CHRISTOPHER J. HIGGINS
LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK
No. 075401

Designed by: CJH | Date: 03-30-06
Drawn by: DMS | Job No. 2006.0225.00
Checked by: TJP | Drawing File No.
Dwg. Scale: Horiz. 1" = 20' Vert: | File Name: D-Lutey

TVGA CONSULTANTS
1000 MAPLE ROAD
EGAN, NEW YORK 14059-9539
P. 716.633.0337
F. 716.633.0537
www.tvga.com

VILLAGE OF RANDOLPH
NEW YORK

DEMOLITION PLAN FOR FORMER RANDOLPH FOUNDRY

SHEET REFERENCE NUMBER:
D-1
Sheet 1 of 1

Figure 4. Soil Confirmation Sample Locations - Below Sumps/Pits

APPENDIX A

TEST TRENCH & MONITORING WELL LOGS

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-01	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	01A		- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) sand
2			- Light brown and black, C-F gravel and M-F sand with traces of silt
3			
4			
5			- Light brown and grey, C-F gravel (river rock) with traces of M-F sand and silt
6			
7	01B		Ended test trench @ 7.0 ft. bgs (cave-in from loose material)
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 7.0'D x 6'W x 14'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Suburface Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY	SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington
PIT NUMBER: RAN-TP-02	GEOLOGIST: J. Ryszkiewicz
	GROUND WATER: N/A

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) sand
2			
3			- Light brown and black, C-F gravel and M-F sand with traces of silt
4			
5			
6			
7			
8			- Light brown and grey, C-F gravel and M-F sand with traces of silty clay
9			
10			
11			
12			Ended test trench @ 12.0 ft. bgs

COMMENTS: Size of Test Pit: 12.0'D x 5'W x 14'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-03/04	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
0	04A		- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
1			
2			- Black, M-F foundry sand with C-F gravel and traces of silt
3			
4	04B		- Grey, M-F sand with C-F gravel and traces of silt
5			
6			- Light brown, C-F gravel with M-F sand and traces of silty clay
7			
8			Ended test trench @ 7.0 ft. bgs
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 7.0'D x 5'W x 10'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Suburface Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-05 (East Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	05A		- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. A lense of ash, concrete and grey M-F sand was observed in the middle (length) of the excavation
4			
5	05B		
6			- Light brown, C-F gravel with M-F sand and traces of silty clay
7			
8			Ended test trench @ 7.0 ft. bgs
9			
10			
11			
12			

COMMENTS: Size of Test Pit: Size of Test Pit: 7.0'D x 7'W x 22'L (Total average size of Pit: 6.0'D x 7'W x 66'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Fill (4.5-5ft bgs) samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-05 (Central Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. A lense of ash, concrete and grey M-F sand was observed in the middle (length) of the excavation
4			
5	05C		- Light brown, C-F gravel with M-F sand and traces of silty clay
6			Ended test trench @ 6.0 ft. bgs
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 6.0'D x 7'W x 22'L (Total average size of Pit: 6.0'D x 7'W x 66'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Sub-Fill (5-5.5 ft bgs) Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-05 (West Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Light brown, C-F gravel with M-F sand and traces of silty clay
4			
5			Ended test trench @ 5.0 ft. bgs
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 5.0'D x 7'W x 22'L (Total average size of Pit: 6.0'D x 7'W x 66'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-06	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	06A		- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. Metal conduit and other small pieces of metal and wood were observed within this layer
3			
4	06B		- Light brown, C-F gravel with M-F sand and traces of silty clay
5			Ended test trench @ 5.0 ft. bgs
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 5.0'D x 6'W x 25'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Sub-Fill (4-4.5 ft bgs) Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-07 (North Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	07A		- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. Metal conduit, rail road ties and other small pieces of metal and wood were observed within this layer
4	07B		
5			
6			
7			- Light brown, C-F gravel with M-F sand and traces of silty clay
8			
9			Ended test trench @ 9.0 ft. bgs
10			
11			
12			

COMMENTS: Size of Test Pit: 9.0'D x 6'W x 25'L (Total average size of Pit: 7.0'D x 6'W x 75'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Fill (4-4.5 ft bgs) samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY	SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington
PIT NUMBER: RAN-TP-07 (Center Third)	GEOLOGIST: J. Ryszkiewicz
	GROUND WATER: N/A

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. Metal conduit, rail road ties and other small pieces of metal and wood were observed within this layer
4			
5	07C		
6			- Light brown, C-F gravel with M-F sand and traces of silty clay
7			
8			Ended test trench @ 8.0 ft. bgs
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 8.0'D x 6'W x 25'L (Total average size of Pit: 8.0'D x 6'W x 75'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
SubFill (5-5.5 ft bgs) sample was taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-07 (South Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, metal conduit, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			- Black, cinder and M-F foundry sand with C-F gravel and traces of silt. Metal conduit, rail road ties and other small pieces of metal and wood were observed within this layer
3			
4			
5			- Light brown, C-F gravel with M-F sand and traces of silty clay
6			
7			Ended test trench @ 7.0 ft. bgs
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 7.0'D x 6'W x 25'L (Total average size of Pit: 8.0'D x 6'W x 75'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-08 (North Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			
3			- Light brown, C-F gravel with M-F sand and traces of silty clay
4			
5			Ended test trench @ 5.0 ft. bgs
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 5.0'D x 6'W x 22'L (Total average size of Pit: 5.0'D x 5'W x 65'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-08 (Center Third)	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	08A		- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2	08B		
3			- Light brown, C-F gravel with M-F sand and traces of silty clay
4			
5			Ended test trench @ 5.0 ft. bgs
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 5.0'D x 5'W x 22'L (Total average size of Pit: 5.0'D x 5'W x 65'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface and Sub-Fill (2-2.5 ft bgs) Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles, PCBs and TCL Volatiles (not Surface) were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY	SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington
PIT NUMBER: RAN-TP-08 (South Third)	GEOLOGIST: J. Ryszkiewicz
	GROUND WATER: N/A

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) foundry sand
2			- Light brown, C-F gravel with M-F sand and traces of silty clay
4			Ended test trench @ 4.0 ft. bgs
5			
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 4.0'D x 5'W x 21'L (Total average size of Pit: 5.0'D x 5'W x 65'L)
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-09	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1	09A		- Black and grey, fill material, including topsoil and brick, concrete with C-F (coarse to fine) gravel and grading to M-F (medium to fine) sand
2			
3			
4			Ended test trench @ 4.0 ft. bgs
5			
6			
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 4.0'D x 5'W x 20'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded
Surface Soil samples were taken at this location
TAL Metals, TCL Semi-Volatiles and PCBs were the analysis

TEST PIT LOG

PROJECT: Former Randolph Foundary Site - Randolph, NY		SHEET: 1 OF 1
CLIENT: County of Cattaraugus / NYSDEC	JOB NUMBER: E905030	
CONTRACTOR: EPS of Vermont	LOCATION: 2-8 Sheldon Street	
DATE STARTED: December 16, 2008	GROUND ELEVATION: N/A	
DATE COMPLETED: December 16, 2008	OPERATOR: Ron Huntington	
PIT NUMBER: RAN-TP-10	GEOLOGIST: J. Ryszkiewicz	
	GROUND WATER: N/A	

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	DESCRIPTION
1			- Black and grey, fill material, brick, concrete, topsoil material with C-F (coarse to fine) gravel and traces of M-F (medium to fine) sand
2			
3			- Black, cinder and M-F sand with C-F gravel and traces of silt. A small lense of yellow sand was observed from 2-2.5 ft bgs in the middle (length) of this layer
4			
5			- Brown and black, C-F gravel with M-F sand. Layer of gravel was very hard
6			Ended test trench @ 6.0 ft. bgs
7			
8			
9			
10			
11			
12			

COMMENTS: Size of Test Pit: 6.0'D x 4'W x 10'L
Photoionization readings were taken with a Mini-Rae 2000
No other readings other than background were recorded

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-01

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 1 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: SW Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: N/A
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				

* POCKET PENETROMETER READING

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY ROD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	CLASS USCS	REMARKS
1						Black and Grey	Gravelly	Black and grey, soil with silty clay, C-F (coarse to fine) gravel and M-F (medium to fine) foundry sand. Layer was moist.		0.0 ppm Readings on Photoionization Detector
2					42/48					
3										0.0 ppm Readings on Photoionization Detector
4										
5						Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		0.0 ppm Readings on Photoionization Detector
6					45/48					
7										0.0 ppm Readings on Photoionization Detector
8					31/48					

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-01

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-01

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 2 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: SW Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: NA
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

* POCKET PENETROMETER READING

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY RQD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	DESCRIPTION CLASS USCS	REMARKS
9					31/48					0.0 ppm Readings on Photoionization Detector
10										
11										0.0 ppm Readings on Photoionization Detector
12					48/48	Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		
13										0.0 ppm Readings on Photoionization Detector
14										
15					42/48					0.0 ppm Readings on Photoionization Detector
16										

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-01

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-01

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 3 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: SW Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: NA
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

* POCKET PENETROMETER READING

DEPTH FEET	STRATA	SAMPLE "S" NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY ROD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	DESCRIPTION CLASS USCS	REMARKS
17					42/48	Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		0.0 ppm Readings on Photoionization Detector
18								Refusal of boring at 18 feet bgs		
19										
20										
21										
22										
23										
24										

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-01

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-02

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 1 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: NE Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: N/A
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE "S" NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY / ROD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	CLASS USCS	REMARKS
1						Black and Grey	Gravelly	Black and grey, soil with silty clay, C-F (coarse to fine) gravel and M-F (medium to fine) foundary sand. Layer was moist.		0.0 ppm Readings on Photoionization Detector
2					42/48					
3						Black	Gravelly	Black, gravelly, cinder and M-F foundary sand with C-F gravel and traces of silt.		0.0 ppm Readings on Photoionization Detector
4										
5										0.0 ppm Readings on Photoionization Detector
6					42/48	Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		
7										0.0 ppm Readings on Photoionization Detector
8					48/48					

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-02

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-02

PROJECT: Former Randolph Foundary Site - Randolph, NY	SHEET: 2 OF 3
CLIENT: County of Cattaraugus / NYSDEC	JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont	BORING LOCATION: NE Part of Property
GROUNDWATER: Not Observed	GROUND ELEVATION: NA
DATE STARTED: December 16, 2008	
DATE FINISHED: December 16, 2008	
DRILLER: A. Morse	
GEOLOGIST: J. Ryszkiewicz	
REVIEWED BY: N/A	

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE "S" NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY RQD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	DESCRIPTION CLASS USCS	REMARKS
9					48/48					0.0 ppm Readings on Photoionization Detector
10										
11										0.0 ppm Readings on Photoionization Detector
12						Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		
13					48/48					0.0 ppm Readings on Photoionization Detector
14										
15										0.0 ppm Readings on Photoionization Detector
16					48/48					

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:

BORING NO.: RF-MW-02

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-02

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 3 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: NE Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: NA
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE				
DIA.				
WT.				
FALL				

* POCKET PENETROMETER READING

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY RQD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	DESCRIPTION CLASS USCS	REMARKS
17					48/48					0.0 ppm Readings on Photoionization Detector
18										
19						Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		0.0 ppm Readings on Photoionization Detector
20										
21					48/48					0.0 ppm Readings on Photoionization Detector
22										
23								Refusal of boring at 23 feet bgs		0.0 ppm Readings on PID
24										

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-02

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-03

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 1 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: SE Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: N/A
DATE STARTED: December 16, 2008
DATE FINISHED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				

* POCKET PENETROMETER READING

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY RQD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	CLASS USCS	REMARKS
1						Black and Grey	Gravelly	Black and grey, soil with silty clay, C-F (coarse to fine) gravel and M-F (medium to fine) foundry sand. Layer was moist.		0.0 ppm Readings on Photoionization Detector
2					48/48	Black	Gravelly	Black, gravelly, cinder and M-F foundary sand with C-F gravel and traces of silt.		0.0 ppm Readings on Photoionization Detector
3						Grey	Gravelly	Grey, gravelly, M-F sand and C-F gravel with traces of silt.		
4										0.0 ppm Readings on Photoionization Detector
5					42/48	Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		
6										0.0 ppm Readings on Photoionization Detector
7										
8					42/48					

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-03

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-03

PROJECT: Former Randolph Foundary Site - Randolph, NY	SHEET: 2 OF 3
CLIENT: County of Cattaraugus / NYSDEC	JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont	BORING LOCATION: SE Part of Property
GROUNDWATER: Not Observed	GROUND ELEVATION: NA
DATE STARTED: December 16, 2008	
DATE FINISHED: December 16, 2008	
DRILLER: A. Morse	
GEOLOGIST: J. Ryszkiewicz	
REVIEWED BY: N/A	

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY ROCK	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	DESCRIPTION CLASS USCS	REMARKS
9					42/48					0.0 ppm Readings on Photoionization Detector
10										
11										0.0 ppm Readings on Photoionization Detector
12						Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		
13					48/48					0.0 ppm Readings on Photoionization Detector
14										
15										0.0 ppm Readings on Photoionization Detector
16					48/48					

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:

BORING NO.: RF-MW-03

Panamerican Environmental, Inc.
2390 Clinton Street
Buffalo, New York 14227

GEOPROBE LOG

BORING NO.: RF-MW-03

PROJECT: Former Randolph Foundary Site - Randolph, NY
SHEET: 3 OF 3
CLIENT: County of Cattaraugus / NYSDEC
JOB NO.: N/A
BORING CONTRACTOR: Environmental Services of Vermont
BORING LOCATION: SE Part of Property
GROUNDWATER: Not Observed
GROUND ELEVATION: NA
DATE STARTED: December 16, 2008
DATE FINISNED: December 16, 2008
DRILLER: A. Morse
GEOLOGIST: J. Ryszkiewicz
REVIEWED BY: N/A

DATE	TIME	LEVEL	TYPE		CAS.	SAMPLER	CORE	TUBE
				TYPE				
				DIA.				
				WT.				
				FALL				
				* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE 'S' NO.	SAMPLE CORE NO.	SAMPLE BLOWS PER 6"	SAMPLE RECOVERY ROD%	DESCRIPTION COLOR	DESCRIPTION CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	CLASS USCS	REMARKS
17					48/48	Light Brown	Granular	Light Brown, granular, C-F gravel with M-F sand and traces of silty clay. Layer was damp.		0.0 ppm Readings on Photoionization Detector
18										0.0 ppm Readings on PID
19								Refusal of boring at 19 feet bgs		
20										
21										
22										
23										
24										

COMMENTS: Photoionization readings were taken with a Mini-Rae 2000.

PROJECT NO.:
BORING NO.: RF-MW-03

DRILLING SUMMARY

Geologist: Peter J. Gorton

Drilling Company: EPS of Vermont

Driller: Adam Morse

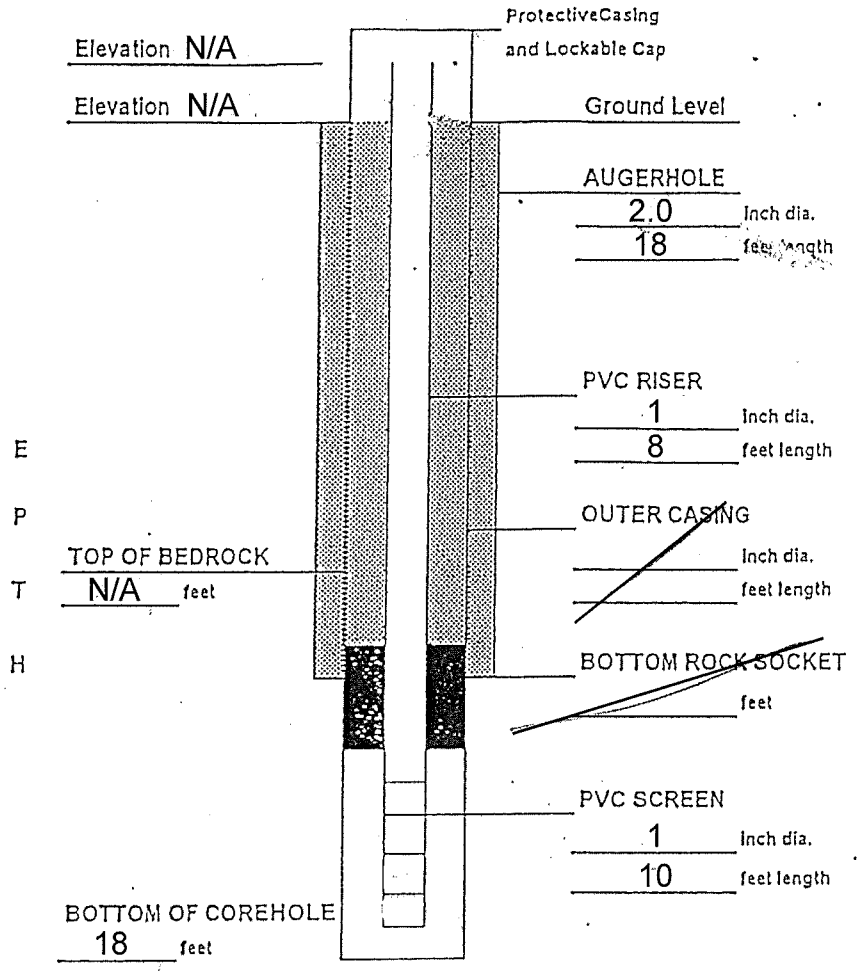
Rig Make/Model: Geoprobe

Date: December 16, 2008

GEOLOGIC LOG

Depth(ft.)	Description
	See boring log RF-BH-01

WELL DESIGN



CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type: 1" threaded PVC	Type: Sand Setting: 1' - 18' bgs
Monitor:	Slot Size: 0.01	SEAL MATERIAL: Type: Grout Setting:

COMMENTS	ROCK CORING	LEGEND
Grout from 1' to 0' bgs	Cored Interval: Core Diameter: Reamed Diameter:	Cement/Bentonite Grout Bentonite Seal Silica Sandpack Bedrock

Client: Cattaraugus County - NYSDEC

Location:

Project No.: E7046

WELL CONSTRUCTION DETAILS

Well Number: RF-MW-01

DRILLING SUMMARY

Geologist: Peter J. Gorton

Drilling Company: EPS of Vermont

Driller: Adam Morse

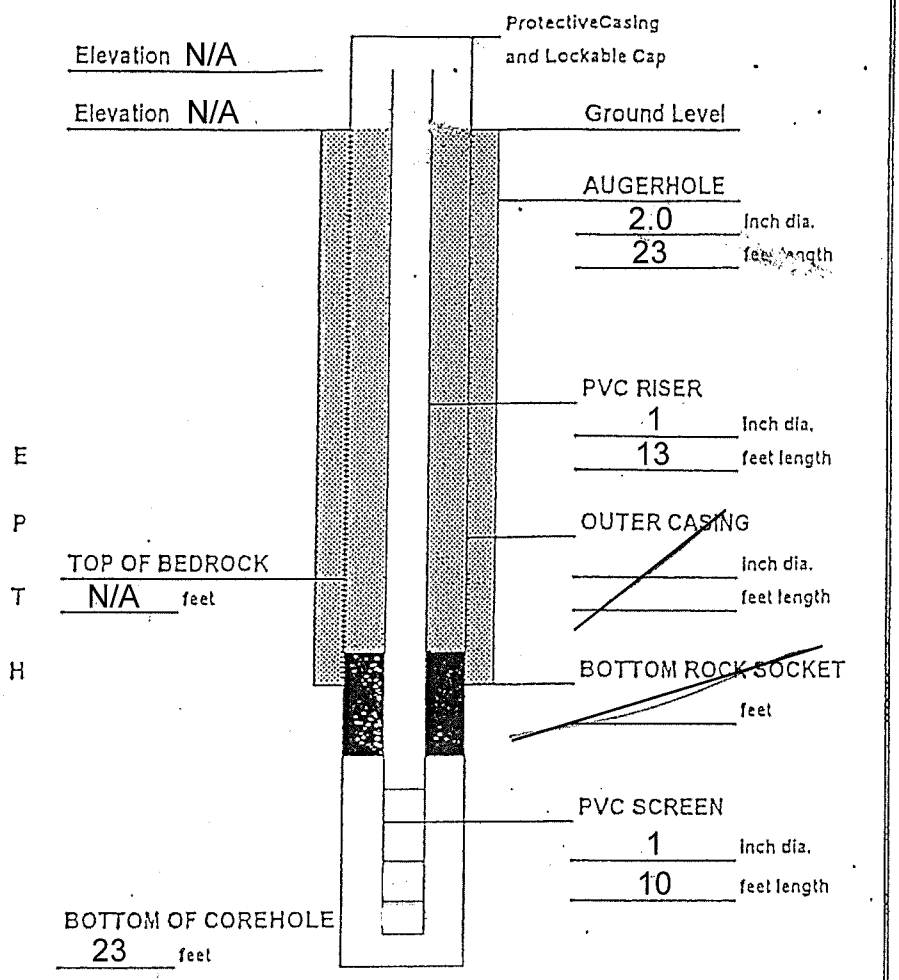
Rig Make/Model: Geoprobe

Date: December 16, 2008

GEOLOGIC LOG

Depth(ft.)	Description
	See boring log RF-BH-02

WELL DESIGN



CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type: 1" threaded PVC	Type: Sand Setting: 1' - 23' bgs
Monitor:	Slot Size: 0.01	SEAL MATERIAL Type: Grout Setting:

COMMENTS	ROCK CORING	LEGEND
Grout from 1' to 0' bgs	Cored Interval: Core Diameter: Reamed Diameter:	Cement/Bentonite Grout Bentonite Seal Silica Sandpack Bedrock

Client: Cattaraugus County - NYSDEC

Location:

Project No.: E7046

WELL CONSTRUCTION DETAILS

Well Number: RF-MW-02

DRILLING SUMMARY

Geologist: Peter J. Gorton

Drilling Company: EPS of Vermont

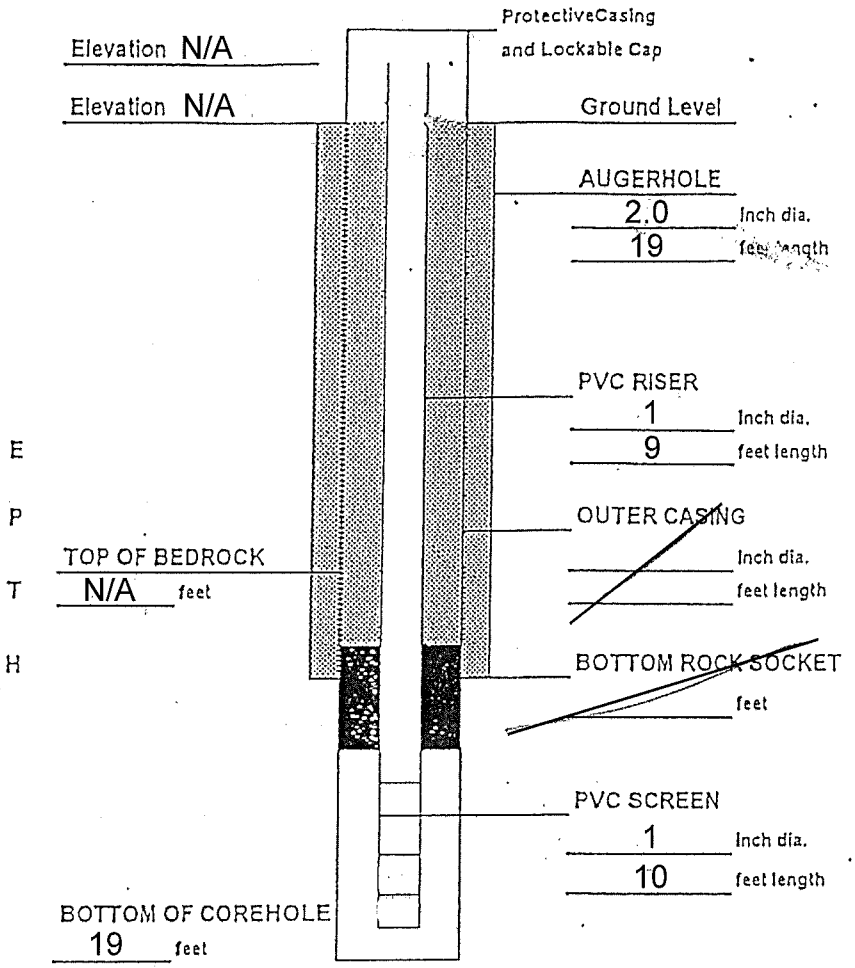
Driller: Adam Morse

Rig Make/Model: Geoprobe

Date: December 16, 2008

GEOLOGIC LOG

Depth(ft.)	Description
	See boring log RF-BH-03



WELL DESIGN

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type: 1" threaded PVC	Type: Sand Setting: 1' - 19' bgs
Monitor:	Slot Size: 0.01	SEAL MATERIAL Type: Grout Setting:

COMMENTS	ROCK CORING	LEGEND
Grout from 1' to 0' bgs	Cored Interval: Core Diameter: Reamed Diameter:	Cement/Bentonite Grout Bentonite Seal Silica Sandpack Bedrock

Client:	Location:	Project No.:
Cattaraugus County - NYSDEC	WELL CONSTRUCTION DETAILS	Project No.: E7046 Well Number: RF-MW-03

APPENDIX B

SAMPLE ANALYTICAL RESULTS

SDG NARRATIVE

Job#: A08-F961

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

A08-F961
Sample Cooler(s) were received at the following temperature(s); 4.6 °C
All samples were received in good condition.

GC/MS Volatile Data

Linear regression was used to calibrate all analytes and surrogates that were greater than 15% RSD in the initial calibration standard curve A8I0000983-1.

The analyte Methylene Chloride was detected in the Method Blank VBLK60 (A8B2794904) at a level above the project established reporting limit. Samples had levels of Methylene Chloride at similar concentrations to that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

GC/MS Semivolatile Data

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibration A8I0000995 AND A8I0000967.

GC Extractable Data

For method 8082, several sample extracts and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

Metals Data

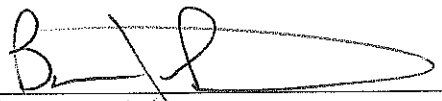
The recoveries of sample RF-TP-07C Matrix Spike exhibited results below the quality control limits for Aluminum, Antimony, Copper, Nickel, Potassium, Thallium and Zinc. The recoveries of sample RF-TP-07C Matrix Spike Duplicate exhibited results above the quality control limits for Aluminum and Zinc and below for Antimony. Sample matrix is suspect. The RPD between sample RF-TP-07C Matrix Spike and Matrix Spike Duplicate exceeded quality control criteria for Aluminum, Antimony, Copper, Nickel, Sodium and Zinc. However, the LCS was acceptable.

The recoveries of sample RF-TP-07C Matrix Spike exhibited results above the quality control limits for Calcium and Magnesium and below for Barium, Iron, Manganese and Vandaium. The recoveries of sample RF-TP-07C Matrix Spike Duplicate exhibited results above the quality control limits for Barium, Iron and Manganese and below for Calcium and Magnesium. The sample result is more than four times greater than the spike added. The RPD between sample RF-TP-07C Matrix Spike and Matrix Spike Duplicate exceeded quality control criteria for Arsenic, Barium, Calcium, Iron, Magnesium and Manganese. However, the LCS was acceptable.

The Post Spike and Serial Dilution of sample RF-TP-07C exceeded the quality control limits for Barium, Calcium, Iron, Magnesium, Manganese and Zinc. Sample matrix is suspect, therefore, no correction action was necessary.

The Serial Dilution of sample RF-TP-07C exceeded the quality control limits for Alunimum, Chromium, Cobalt, Copper, and Vanadium. However, the Post Spike was compliant for these elements. Therefore, no corrective action was necessary.

"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 Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."



Brian J. Fischer
Project Manager

1-19-08

Date

Sample ID: RF-TP-01A
Lab Sample ID: A8F96101
Date Collected: 12/16/2008
Time Collected: 08:50

Date Received: 12/16/2008
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		900	UG/KG	8270	12/26/2008 14:57	ERK
2,4,5-Trichlorophenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2,4,6-Trichlorophenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2,4-Dichlorophenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2,4-Dimethylphenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2,4-Dinitrophenol	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
2,4-Dinitrotoluene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2,6-Dinitrotoluene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2-Chloronaphthalene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2-Chlorophenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2-Methylnaphthalene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2-Methylphenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
2-Nitroaniline	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
2-Nitrophenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
3,3'-Dichlorobenzidine	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
3-Nitroaniline	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
4,6-Dinitro-2-methylphenol	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
4-Bromophenyl phenyl ether	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
4-Chloro-3-methylphenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
4-Chloroaniline	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
4-Chlorophenyl phenyl ether	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
4-Methylphenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
4-Nitroaniline	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
4-Nitrophenol	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
Acenaphthene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Acenaphthylene	240	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Acetophenone	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Anthracene	94	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Atrazine	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Benzaldehyde	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Benzo(a)anthracene	590	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Benzo(a)pyrene	690	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Benzo(b)fluoranthene	760	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Benzo(ghi)perylene	650	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Benzo(k)fluoranthene	300	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Biphenyl	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Bis(2-chloroethoxy) methane	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Bis(2-chloroethyl) ether	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Bis(2-ethylhexyl) phthalate	1300		900	UG/KG	8270	12/26/2008 14:57	ERK
Butyl benzyl phthalate	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Caprolactam	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Carbazole	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Chrysene	540	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Di-n-butyl phthalate	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Di-n-octyl phthalate	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Dibenzo(a,h)anthracene	140	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Dibenzofuran	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Diethyl phthalate	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Dimethyl phthalate	ND		900	UG/KG	8270	12/26/2008 14:57	ERK

Sample ID: RF-TP-01A
Lab Sample ID: A8F96101
Date Collected: 12/16/2008
Time Collected: 08:50

Date Received: 12/16/2008
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	780	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Fluorene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Hexachlorobenzene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Hexachlorobutadiene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Hexachlorocyclopentadiene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Hexachloroethane	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Indeno(1,2,3-cd)pyrene	550	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Isophorone	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
N-Nitroso-Di-n-propylamine	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
N-nitrosodiphenylamine	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Naphthalene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Nitrobenzene	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Pentachlorophenol	ND		1700	UG/KG	8270	12/26/2008 14:57	ERK
Phenanthrene	290	J	900	UG/KG	8270	12/26/2008 14:57	ERK
Phenol	ND		900	UG/KG	8270	12/26/2008 14:57	ERK
Pyrene	760	J	900	UG/KG	8270	12/26/2008 14:57	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1242	ND		18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1248	10	J	18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1254	ND		18	UG/KG	8082	12/22/2008 14:02	DW
Aroclor 1260	35		18	UG/KG	8082	12/22/2008 14:02	DW
Metals Analysis							
Aluminum - Total	4620	EN*	10.5	MG/KG	6010	12/19/2008 14:23	TWS
Antimony - Total	ND	N*	15.7	MG/KG	6010	12/19/2008 14:23	TWS
Arsenic - Total	4.2	*	2.1	MG/KG	6010	12/19/2008 14:23	TWS
Barium - Total	52.8	E*	0.52	MG/KG	6010	12/19/2008 14:23	TWS
Beryllium - Total	0.24		0.21	MG/KG	6010	12/19/2008 14:23	TWS
Cadmium - Total	ND		0.21	MG/KG	6010	12/19/2008 14:23	TWS
Calcium - Total	37700	E*	52.4	MG/KG	6010	12/19/2008 14:23	TWS
Chromium - Total	7.1	E	0.52	MG/KG	6010	12/19/2008 14:23	TWS
Cobalt - Total	3.3	E	0.52	MG/KG	6010	12/19/2008 14:23	TWS
Copper - Total	66.7	EN*	1.0	MG/KG	6010	12/19/2008 14:23	TWS
Iron - Total	12300	E*	10.5	MG/KG	6010	12/19/2008 14:23	TWS
Lead - Total	15.0	N	1.0	MG/KG	6010	12/19/2008 14:23	TWS
Magnesium - Total	4630	E*	20.9	MG/KG	6010	12/19/2008 14:23	TWS
Manganese - Total	533	E*	0.21	MG/KG	6010	12/19/2008 14:23	TWS
Mercury - Total	0.032		0.020	MG/KG	7471	12/19/2008 15:52	MM
Nickel - Total	9.6	EN*	0.52	MG/KG	6010	12/19/2008 14:23	TWS
Potassium - Total	567	EN	31.4	MG/KG	6010	12/19/2008 14:23	TWS
Selenium - Total	ND		4.2	MG/KG	6010	12/19/2008 14:23	TWS
Silver - Total	ND		0.52	MG/KG	6010	12/19/2008 14:23	TWS
Sodium - Total	ND	*	147	MG/KG	6010	12/19/2008 14:23	TWS
Thallium - Total	ND	N	6.3	MG/KG	6010	12/19/2008 14:23	TWS
Vanadium - Total	6.3	E	0.52	MG/KG	6010	12/19/2008 14:23	TWS

Sample ID: RF-TP-01A
Lab Sample ID: A8F96101
Date Collected: 12/16/2008
Time Collected: 08:50

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	73.2	EN*	2.1	MG/KG	6010	12/19/2008 14:23	TWS

Sample ID: RF-TP-01B
Lab Sample ID: A8F96102
Date Collected: 12/16/2008
Time Collected: 09:10

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,1,2-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,1-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,1-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2-Dibromoethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,2-Dichloropropane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,3-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
1,4-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
2-Butanone	ND		27	UG/KG	8260	12/19/2008 03:42	CDC
2-Hexanone	ND		27	UG/KG	8260	12/19/2008 03:42	CDC
4-Methyl-2-pentanone	ND		27	UG/KG	8260	12/19/2008 03:42	CDC
Acetone	ND		27	UG/KG	8260	12/19/2008 03:42	CDC
Benzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Bromodichloromethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Bromoform	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Bromomethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Carbon Disulfide	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Carbon Tetrachloride	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Chlorobenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Chloroethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Chloroform	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Chloromethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Cyclohexane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Dibromochloromethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Dichlorodifluoromethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Ethylbenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Isopropylbenzene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Methyl acetate	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Methylcyclohexane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Methylene chloride	13	B	5	UG/KG	8260	12/19/2008 03:42	CDC
Styrene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Tetrachloroethene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Toluene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Total Xylenes	ND		16	UG/KG	8260	12/19/2008 03:42	CDC
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Trichloroethene	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Trichlorofluoromethane	ND		5	UG/KG	8260	12/19/2008 03:42	CDC
Vinyl chloride	ND		11	UG/KG	8260	12/19/2008 03:42	CDC

Sample ID: RF-TP-01B
Lab Sample ID: A8F96102
Date Collected: 12/16/2008
Time Collected: 09:10

Date Received: 12/16/2008
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		190	UG/KG	8270	12/26/2008 15:20	ERK
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2,4-Dichlorophenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2,4-Dimethylphenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2,4-Dinitrophenol	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
2,4-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2,6-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2-Chloronaphthalene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2-Chlorophenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2-Methylnaphthalene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2-Methylphenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
2-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
2-Nitrophenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
3-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
4,6-Dinitro-2-methylphenol	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
4-Chloroaniline	77	J	190	UG/KG	8270	12/26/2008 15:20	ERK
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
4-Methylphenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
4-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
4-Nitrophenol	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
Acenaphthene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Acenaphthylene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Acetophenone	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Anthracene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Atrazine	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Benzaldehyde	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Benzo(a)anthracene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Benzo(a)pyrene	10	J	190	UG/KG	8270	12/26/2008 15:20	ERK
Benzo(b)fluoranthene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Benzo(ghi)perylene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Benzo(k)fluoranthene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Biphenyl	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Bis(2-ethylhexyl) phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Butyl benzyl phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Caprolactam	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Carbazole	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Chrysene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Di-n-butyl phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Di-n-octyl phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Dibenzo(a,h)anthracene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Dibenzofuran	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Diethyl phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Dimethyl phthalate	ND		190	UG/KG	8270	12/26/2008 15:20	ERK

Sample ID: RF-TP-01B
Lab Sample ID: A8F96102
Date Collected: 12/16/2008
Time Collected: 09:10

Date Received: 12/16/2008
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	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Fluorene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Hexachlorobenzene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Hexachlorobutadiene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Hexachloroethane	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Indeno(1,2,3-cd)pyrene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Isophorone	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
N-nitrosodiphenylamine	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Naphthalene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Nitrobenzene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Pentachlorophenol	ND		370	UG/KG	8270	12/26/2008 15:20	ERK
Phenanthrene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Phenol	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
Pyrene	ND		190	UG/KG	8270	12/26/2008 15:20	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1221	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1232	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1242	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1248	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1254	6.7	J	19	UG/KG	8082	12/22/2008 14:21	DW
Aroclor 1260	ND		19	UG/KG	8082	12/22/2008 14:21	DW
Metals Analysis							
Aluminum - Total	7800	EN*	12.2	MG/KG	6010	12/19/2008 14:28	TWS
Antimony - Total	ND	N*	18.3	MG/KG	6010	12/19/2008 14:28	TWS
Arsenic - Total	4.9	*	2.4	MG/KG	6010	12/19/2008 14:28	TWS
Barium - Total	57.3	E*	0.61	MG/KG	6010	12/19/2008 14:28	TWS
Beryllium - Total	ND		0.24	MG/KG	6010	12/19/2008 14:28	TWS
Cadmium - Total	ND		0.24	MG/KG	6010	12/19/2008 14:28	TWS
Calcium - Total	746	E*	60.9	MG/KG	6010	12/19/2008 14:28	TWS
Chromium - Total	8.8	E	0.61	MG/KG	6010	12/19/2008 14:28	TWS
Cobalt - Total	6.3	E	0.61	MG/KG	6010	12/19/2008 14:28	TWS
Copper - Total	24.0	EN*	1.2	MG/KG	6010	12/19/2008 14:28	TWS
Iron - Total	14900	E*	12.2	MG/KG	6010	12/19/2008 14:28	TWS
Lead - Total	15.2	N	1.2	MG/KG	6010	12/19/2008 14:28	TWS
Magnesium - Total	2400	E*	24.4	MG/KG	6010	12/19/2008 14:28	TWS
Manganese - Total	186	E*	0.24	MG/KG	6010	12/19/2008 14:28	TWS
Mercury - Total	0.209		0.022	MG/KG	7471	12/19/2008 15:54	MM
Nickel - Total	13.0	EN*	0.61	MG/KG	6010	12/19/2008 14:28	TWS
Potassium - Total	659	EN	36.6	MG/KG	6010	12/19/2008 14:28	TWS
Selenium - Total	ND		4.9	MG/KG	6010	12/19/2008 14:28	TWS
Silver - Total	ND		0.61	MG/KG	6010	12/19/2008 14:28	TWS
Sodium - Total	ND	*	171	MG/KG	6010	12/19/2008 14:28	TWS
Thallium - Total	ND	N	7.3	MG/KG	6010	12/19/2008 14:28	TWS
Vanadium - Total	9.4	E	0.61	MG/KG	6010	12/19/2008 14:28	TWS

Sample ID: RF-TP-01B
Lab Sample ID: A8F96102
Date Collected: 12/16/2008
Time Collected: 09:10

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	62.7	EN*	2.4	MG/KG	6010	12/19/2008 14:28	TWS

Sample ID: RF-TP-04A
Lab Sample ID: A8F96103
Date Collected: 12/16/2008
Time Collected: 10:40

Date Received: 12/16/2008
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		380	UG/KG	8270	12/26/2008 15:43	ERK
2,4,5-Trichlorophenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2,4,6-Trichlorophenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2,4-Dichlorophenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2,4-Dimethylphenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2,4-Dinitrophenol	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
2,4-Dinitrotoluene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2,6-Dinitrotoluene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2-Chloronaphthalene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2-Chlorophenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2-Methylnaphthalene	260	J	380	UG/KG	8270	12/26/2008 15:43	ERK
2-Methylphenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
2-Nitroaniline	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
2-Nitrophenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
3,3'-Dichlorobenzidine	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
3-Nitroaniline	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
4,6-Dinitro-2-methylphenol	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
4-Bromophenyl phenyl ether	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
4-Chloro-3-methylphenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
4-Chloroaniline	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
4-Chlorophenyl phenyl ether	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
4-Methylphenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
4-Nitroaniline	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
4-Nitrophenol	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
Acenaphthene	52	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Acenaphthylene	100	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Acetophenone	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Anthracene	350	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Atrazine	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzaldehyde	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzo(a)anthracene	1500		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzo(a)pyrene	1200		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzo(b)fluoranthene	1700		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzo(ghi)perylene	960		380	UG/KG	8270	12/26/2008 15:43	ERK
Benzo(k)fluoranthene	520		380	UG/KG	8270	12/26/2008 15:43	ERK
Biphenyl	54	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Bis(2-chloroethoxy) methane	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Bis(2-chloroethyl) ether	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Bis(2-ethylhexyl) phthalate	1500		380	UG/KG	8270	12/26/2008 15:43	ERK
Butyl benzyl phthalate	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Caprolactam	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Carbazole	240	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Chrysene	1500		380	UG/KG	8270	12/26/2008 15:43	ERK
Di-n-butyl phthalate	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Di-n-octyl phthalate	54	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Dibenzo(a,h)anthracene	230	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Dibenzofuran	110	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Diethyl phthalate	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Dimethyl phthalate	ND		380	UG/KG	8270	12/26/2008 15:43	ERK

Sample ID: RF-TP-04A
Lab Sample ID: A8F96103
Date Collected: 12/16/2008
Time Collected: 10:40

Date Received: 12/16/2008
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	3000		380	UG/KG	8270	12/26/2008 15:43	ERK
Fluorene	80	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Hexachlorobenzene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Hexachlorobutadiene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Hexachlorocyclopentadiene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Hexachloroethane	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Indeno(1,2,3-cd)pyrene	810		380	UG/KG	8270	12/26/2008 15:43	ERK
Isophorone	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
N-Nitroso-Di-n-propylamine	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
N-nitrosodiphenylamine	31	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Naphthalene	280	J	380	UG/KG	8270	12/26/2008 15:43	ERK
Nitrobenzene	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Pentachlorophenol	ND		750	UG/KG	8270	12/26/2008 15:43	ERK
Phenanthrene	1800		380	UG/KG	8270	12/26/2008 15:43	ERK
Phenol	ND		380	UG/KG	8270	12/26/2008 15:43	ERK
Pyrene	2500		380	UG/KG	8270	12/26/2008 15:43	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1242	120		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1248	ND		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1254	40		18	UG/KG	8082	12/22/2008 14:41	DW
Aroclor 1260	100		18	UG/KG	8082	12/22/2008 14:41	DW
Metals Analysis							
Aluminum - Total	4810	EN*	10.3	MG/KG	6010	12/19/2008 14:33	TWS
Antimony - Total	ND	N*	15.5	MG/KG	6010	12/19/2008 14:33	TWS
Arsenic - Total	7.2	*	2.1	MG/KG	6010	12/19/2008 14:33	TWS
Barium - Total	64.3	E*	0.52	MG/KG	6010	12/19/2008 14:33	TWS
Beryllium - Total	0.23		0.21	MG/KG	6010	12/19/2008 14:33	TWS
Cadmium - Total	0.42		0.21	MG/KG	6010	12/19/2008 14:33	TWS
Calcium - Total	13900	E*	51.6	MG/KG	6010	12/19/2008 14:33	TWS
Chromium - Total	22.7	E	0.52	MG/KG	6010	12/19/2008 14:33	TWS
Cobalt - Total	3.5	E	0.52	MG/KG	6010	12/19/2008 14:33	TWS
Copper - Total	96.7	EN*	1.0	MG/KG	6010	12/19/2008 14:33	TWS
Iron - Total	21200	E*	10.3	MG/KG	6010	12/19/2008 14:33	TWS
Lead - Total	65.4	N	1.0	MG/KG	6010	12/19/2008 14:33	TWS
Magnesium - Total	2300	E*	20.7	MG/KG	6010	12/19/2008 14:33	TWS
Manganese - Total	562	E*	0.21	MG/KG	6010	12/19/2008 14:33	TWS
Mercury - Total	0.250		0.023	MG/KG	7471	12/19/2008 15:56	MM
Nickel - Total	18.2	EN*	0.52	MG/KG	6010	12/19/2008 14:33	TWS
Potassium - Total	488	EN	31.0	MG/KG	6010	12/19/2008 14:33	TWS
Selenium - Total	ND		4.1	MG/KG	6010	12/19/2008 14:33	TWS
Silver - Total	ND		0.52	MG/KG	6010	12/19/2008 14:33	TWS
Sodium - Total	ND	*	145	MG/KG	6010	12/19/2008 14:33	TWS
Thallium - Total	ND	N	6.2	MG/KG	6010	12/19/2008 14:33	TWS
Vanadium - Total	8.2	E	0.52	MG/KG	6010	12/19/2008 14:33	TWS

Sample ID: RF-TP-04A
Lab Sample ID: A8F96103
Date Collected: 12/16/2008
Time Collected: 10:40

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	180	EN*	2.1	MG/KG	6010	12/19/2008 14:33	TWS

Sample ID: RF-TP-04B
Lab Sample ID: A8F96104
Date Collected: 12/16/2008
Time Collected: 10:50

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,1,2-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,1-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,1-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2-Dibromoethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,2-Dichloropropane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,3-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
1,4-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
2-Butanone	ND		26	UG/KG	8260	12/19/2008 04:08	CDC
2-Hexanone	ND		26	UG/KG	8260	12/19/2008 04:08	CDC
4-Methyl-2-pentanone	ND		26	UG/KG	8260	12/19/2008 04:08	CDC
Acetone	ND		26	UG/KG	8260	12/19/2008 04:08	CDC
Benzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Bromodichloromethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Bromoform	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Bromomethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Carbon Disulfide	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Carbon Tetrachloride	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Chlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Chloroethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Chloroform	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Chloromethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Cyclohexane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Dibromochloromethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Dichlorodifluoromethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Ethylbenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Isopropylbenzene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Methyl acetate	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Methylcyclohexane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Methylene chloride	21	B	5	UG/KG	8260	12/19/2008 04:08	CDC
Styrene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Tetrachloroethene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Toluene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Total Xylenes	ND		16	UG/KG	8260	12/19/2008 04:08	CDC
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Trichloroethene	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Trichlorofluoromethane	ND		5	UG/KG	8260	12/19/2008 04:08	CDC
Vinyl chloride	ND		10	UG/KG	8260	12/19/2008 04:08	CDC

Sample ID: RF-TP-04B
Lab Sample ID: A8F96104
Date Collected: 12/16/2008
Time Collected: 10:50

Date Received: 12/16/2008
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		190	UG/KG	8270	12/26/2008 16:06	ERK
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2,4-Dichlorophenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2,4-Dimethylphenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2,4-Dinitrophenol	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
2,4-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2,6-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2-Chloronaphthalene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2-Chlorophenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2-Methylnaphthalene	24	J	190	UG/KG	8270	12/26/2008 16:06	ERK
2-Methylphenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
2-Nitroaniline	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
2-Nitrophenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
3-Nitroaniline	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
4,6-Dinitro-2-methylphenol	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
4-Chloroaniline	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
4-Methylphenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
4-Nitroaniline	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
4-Nitrophenol	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
Acenaphthene	10	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Acenaphthylene	47	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Acetophenone	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Anthracene	60	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Atrazine	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Benzaldehyde	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Benzo(a)anthracene	190		190	UG/KG	8270	12/26/2008 16:06	ERK
Benzo(a)pyrene	160	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Benzo(b)fluoranthene	200		190	UG/KG	8270	12/26/2008 16:06	ERK
Benzo(ghi)perylene	120	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Benzo(k)fluoranthene	82	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Biphenyl	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Bis(2-ethylhexyl) phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Butyl benzyl phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Caprolactam	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Carbazole	40	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Chrysene	170	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Di-n-butyl phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Di-n-octyl phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Dibenzo(a,h)anthracene	39	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Dibenzofuran	18	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Diethyl phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Dimethyl phthalate	ND		190	UG/KG	8270	12/26/2008 16:06	ERK

Sample ID: RF-TP-04B
Lab Sample ID: A8F96104
Date Collected: 12/16/2008
Time Collected: 10:50

Date Received: 12/16/2008
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	420		190	UG/KG	8270	12/26/2008 16:06	ERK
Fluorene	34	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Hexachlorobenzene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Hexachlorobutadiene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Hexachloroethane	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Indeno(1,2,3-cd)pyrene	110	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Isophorone	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
N-nitrosodiphenylamine	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Naphthalene	17	J	190	UG/KG	8270	12/26/2008 16:06	ERK
Nitrobenzene	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Pentachlorophenol	ND		360	UG/KG	8270	12/26/2008 16:06	ERK
Phenanthrene	290		190	UG/KG	8270	12/26/2008 16:06	ERK
Phenol	ND		190	UG/KG	8270	12/26/2008 16:06	ERK
Pyrene	300		190	UG/KG	8270	12/26/2008 16:06	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1242	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1248	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1254	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Aroclor 1260	ND		18	UG/KG	8082	12/22/2008 15:01	DW
Metals Analysis							
Aluminum - Total	4650	EN*	10.6	MG/KG	6010	12/19/2008 14:38	TWS
Antimony - Total	ND	N*	15.9	MG/KG	6010	12/19/2008 14:38	TWS
Arsenic - Total	9.2	*	2.1	MG/KG	6010	12/19/2008 14:38	TWS
Barium - Total	68.2	E*	0.53	MG/KG	6010	12/19/2008 14:38	TWS
Beryllium - Total	0.37		0.21	MG/KG	6010	12/19/2008 14:38	TWS
Cadmium - Total	ND		0.21	MG/KG	6010	12/19/2008 14:38	TWS
Calcium - Total	12900	E*	53.0	MG/KG	6010	12/19/2008 14:38	TWS
Chromium - Total	5.6	E	0.53	MG/KG	6010	12/19/2008 14:38	TWS
Cobalt - Total	5.7	E	0.53	MG/KG	6010	12/19/2008 14:38	TWS
Copper - Total	81.4	EN*	1.1	MG/KG	6010	12/19/2008 14:38	TWS
Iron - Total	16000	E*	10.6	MG/KG	6010	12/19/2008 14:38	TWS
Lead - Total	84.0	N	1.1	MG/KG	6010	12/19/2008 14:38	TWS
Magnesium - Total	3730	E*	21.2	MG/KG	6010	12/19/2008 14:38	TWS
Manganese - Total	553	E*	0.21	MG/KG	6010	12/19/2008 14:38	TWS
Mercury - Total	0.052		0.022	MG/KG	7471	12/19/2008 15:57	MM
Nickel - Total	10.5	EN*	0.53	MG/KG	6010	12/19/2008 14:38	TWS
Potassium - Total	615	EN	31.8	MG/KG	6010	12/19/2008 14:38	TWS
Selenium - Total	ND		4.2	MG/KG	6010	12/19/2008 14:38	TWS
Silver - Total	ND		0.53	MG/KG	6010	12/19/2008 14:38	TWS
Sodium - Total	ND	*	148	MG/KG	6010	12/19/2008 14:38	TWS
Thallium - Total	ND	N	6.4	MG/KG	6010	12/19/2008 14:38	TWS
Vanadium - Total	8.2	E	0.53	MG/KG	6010	12/19/2008 14:38	TWS

Sample ID: RF-TP-04B
Lab Sample ID: A8F96104
Date Collected: 12/16/2008
Time Collected: 10:50

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	46.6	EN*	2.1	MG/KG	6010	12/19/2008 14:38	TWS

Sample ID: RF-TP-05A
Lab Sample ID: A8F96105
Date Collected: 12/16/2008
Time Collected: 11:10

Date Received: 12/16/2008
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		180	UG/KG	8270	12/26/2008 16:29	ERK
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2,4-Dichlorophenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2,4-Dimethylphenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2,4-Dinitrophenol	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
2,4-Dinitrotoluene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2,6-Dinitrotoluene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2-Chloronaphthalene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2-Chlorophenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2-Methylnaphthalene	400		180	UG/KG	8270	12/26/2008 16:29	ERK
2-Methylphenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
2-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
2-Nitrophenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
3-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
4-Chloroaniline	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
4-Methylphenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
4-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
4-Nitrophenol	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
Acenaphthene	340		180	UG/KG	8270	12/26/2008 16:29	ERK
Acenaphthylene	400		180	UG/KG	8270	12/26/2008 16:29	ERK
Acetophenone	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Anthracene	1100		180	UG/KG	8270	12/26/2008 16:29	ERK
Atrazine	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzaldehyde	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzo(a)anthracene	2800		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzo(a)pyrene	2300		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzo(b)fluoranthene	2500		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzo(ghi)perylene	1400		180	UG/KG	8270	12/26/2008 16:29	ERK
Benzo(k)fluoranthene	1200		180	UG/KG	8270	12/26/2008 16:29	ERK
Biphenyl	86	J	180	UG/KG	8270	12/26/2008 16:29	ERK
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Bis(2-ethylhexyl) phthalate	680		180	UG/KG	8270	12/26/2008 16:29	ERK
Butyl benzyl phthalate	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Caprolactam	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Carbazole	460		180	UG/KG	8270	12/26/2008 16:29	ERK
Chrysene	2600		180	UG/KG	8270	12/26/2008 16:29	ERK
Di-n-butyl phthalate	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Di-n-octyl phthalate	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Dibenzo(a,h)anthracene	370		180	UG/KG	8270	12/26/2008 16:29	ERK
Dibenzofuran	460		180	UG/KG	8270	12/26/2008 16:29	ERK
Diethyl phthalate	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Dimethyl phthalate	ND		180	UG/KG	8270	12/26/2008 16:29	ERK

Sample ID: RF-TP-05A
Lab Sample ID: A8F96105
Date Collected: 12/16/2008
Time Collected: 11:10

Date Received: 12/16/2008
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	5300		180	UG/KG	8270	12/26/2008 16:29	ERK
Fluorene	680		180	UG/KG	8270	12/26/2008 16:29	ERK
Hexachlorobenzene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Hexachlorobutadiene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Hexachloroethane	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Indeno(1,2,3-cd)pyrene	1300		180	UG/KG	8270	12/26/2008 16:29	ERK
Isophorone	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
N-nitrosodiphenylamine	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Naphthalene	620		180	UG/KG	8270	12/26/2008 16:29	ERK
Nitrobenzene	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Pentachlorophenol	ND		350	UG/KG	8270	12/26/2008 16:29	ERK
Phenanthrene	4300		180	UG/KG	8270	12/26/2008 16:29	ERK
Phenol	ND		180	UG/KG	8270	12/26/2008 16:29	ERK
Pyrene	4800		180	UG/KG	8270	12/26/2008 16:29	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1242	46		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1248	ND		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1254	ND		18	UG/KG	8082	12/22/2008 15:20	DW
Aroclor 1260	29		18	UG/KG	8082	12/22/2008 15:20	DW
Metals Analysis							
Aluminum - Total	3590	EN*	10.2	MG/KG	6010	12/19/2008 14:43	TWS
Antimony - Total	ND	N*	15.3	MG/KG	6010	12/19/2008 14:43	TWS
Arsenic - Total	4.8	*	2.0	MG/KG	6010	12/19/2008 14:43	TWS
Barium - Total	59.1	E*	0.51	MG/KG	6010	12/19/2008 14:43	TWS
Beryllium - Total	0.27		0.20	MG/KG	6010	12/19/2008 14:43	TWS
Cadmium - Total	0.49		0.20	MG/KG	6010	12/19/2008 14:43	TWS
Calcium - Total	8790	E*	51.0	MG/KG	6010	12/19/2008 14:43	TWS
Chromium - Total	21.1	E	0.51	MG/KG	6010	12/19/2008 14:43	TWS
Cobalt - Total	3.1	E	0.51	MG/KG	6010	12/19/2008 14:43	TWS
Copper - Total	138	EN*	1.0	MG/KG	6010	12/19/2008 14:43	TWS
Iron - Total	21100	E*	10.2	MG/KG	6010	12/19/2008 14:43	TWS
Lead - Total	128	N	1.0	MG/KG	6010	12/19/2008 14:43	TWS
Magnesium - Total	1090	E*	20.4	MG/KG	6010	12/19/2008 14:43	TWS
Manganese - Total	338	E*	0.20	MG/KG	6010	12/19/2008 14:43	TWS
Mercury - Total	0.110		0.021	MG/KG	7471	12/19/2008 16:01	MM
Nickel - Total	24.0	EN*	0.51	MG/KG	6010	12/19/2008 14:43	TWS
Potassium - Total	543	EN	30.6	MG/KG	6010	12/19/2008 14:43	TWS
Selenium - Total	ND		4.1	MG/KG	6010	12/19/2008 14:43	TWS
Silver - Total	ND		0.51	MG/KG	6010	12/19/2008 14:43	TWS
Sodium - Total	ND	*	143	MG/KG	6010	12/19/2008 14:43	TWS
Thallium - Total	ND	N	6.1	MG/KG	6010	12/19/2008 14:43	TWS
Vanadium - Total	7.7	E	0.51	MG/KG	6010	12/19/2008 14:43	TWS

Sample ID: RF-TP-05A
Lab Sample ID: A8F96105
Date Collected: 12/16/2008
Time Collected: 11:10

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	233	EN*	2.0	MG/KG	6010	12/19/2008 14:43	TWS

Sample ID: RF-TP-05B
Lab Sample ID: A8F96106
Date Collected: 12/16/2008
Time Collected: 11:40

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,1,2-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,1-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,1-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2-Dibromoethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,2-Dichloropropane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,3-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
1,4-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
2-Butanone	10	J	30	UG/KG	8260	12/19/2008 04:33	CDC
2-Hexanone	ND		30	UG/KG	8260	12/19/2008 04:33	CDC
4-Methyl-2-pentanone	ND		30	UG/KG	8260	12/19/2008 04:33	CDC
Acetone	67		30	UG/KG	8260	12/19/2008 04:33	CDC
Benzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Bromodichloromethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Bromoform	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Bromomethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Carbon Disulfide	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Carbon Tetrachloride	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Chlorobenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Chloroethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Chloroform	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Chloromethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Cyclohexane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Dibromochloromethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Dichlorodifluoromethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Ethylbenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Isopropylbenzene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Methyl acetate	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Methylcyclohexane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Methylene chloride	25	B	6	UG/KG	8260	12/19/2008 04:33	CDC
Styrene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Tetrachloroethene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Toluene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Total Xylenes	ND		18	UG/KG	8260	12/19/2008 04:33	CDC
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Trichloroethene	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Trichlorofluoromethane	ND		6	UG/KG	8260	12/19/2008 04:33	CDC
Vinyl chloride	ND		12	UG/KG	8260	12/19/2008 04:33	CDC

Sample ID: RF-TP-05B
Lab Sample ID: A8F96106
Date Collected: 12/16/2008
Time Collected: 11:40

Date Received: 12/16/2008
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		790	UG/KG	8270	12/26/2008 16:52	ERK
2,4,5-Trichlorophenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2,4,6-Trichlorophenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2,4-Dichlorophenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2,4-Dimethylphenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2,4-Dinitrophenol	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
2,4-Dinitrotoluene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2,6-Dinitrotoluene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2-Chloronaphthalene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2-Chlorophenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2-Methylnaphthalene	970		790	UG/KG	8270	12/26/2008 16:52	ERK
2-Methylphenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
2-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
2-Nitrophenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
3,3'-Dichlorobenzidine	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
3-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
4,6-Dinitro-2-methylphenol	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
4-Bromophenyl phenyl ether	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
4-Chloro-3-methylphenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
4-Chloroaniline	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
4-Chlorophenyl phenyl ether	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
4-Methylphenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
4-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
4-Nitrophenol	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
Acenaphthene	1300		790	UG/KG	8270	12/26/2008 16:52	ERK
Acenaphthylene	960		790	UG/KG	8270	12/26/2008 16:52	ERK
Acetophenone	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Anthracene	4300		790	UG/KG	8270	12/26/2008 16:52	ERK
Atrazine	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzaldehyde	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzo(a)anthracene	8800		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzo(a)pyrene	7000		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzo(b)fluoranthene	7000		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzo(ghi)perylene	4400		790	UG/KG	8270	12/26/2008 16:52	ERK
Benzo(k)fluoranthene	3300		790	UG/KG	8270	12/26/2008 16:52	ERK
Biphenyl	210	J	790	UG/KG	8270	12/26/2008 16:52	ERK
Bis(2-chloroethoxy) methane	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Bis(2-chloroethyl) ether	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Bis(2-ethylhexyl) phthalate	350	J	790	UG/KG	8270	12/26/2008 16:52	ERK
Butyl benzyl phthalate	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Caprolactam	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Carbazole	1700		790	UG/KG	8270	12/26/2008 16:52	ERK
Chrysene	7500		790	UG/KG	8270	12/26/2008 16:52	ERK
Di-n-butyl phthalate	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Di-n-octyl phthalate	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Dibenzo(a,h)anthracene	1100		790	UG/KG	8270	12/26/2008 16:52	ERK
Dibenzofuran	1300		790	UG/KG	8270	12/26/2008 16:52	ERK
Diethyl phthalate	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Dimethyl phthalate	ND		790	UG/KG	8270	12/26/2008 16:52	ERK

Sample ID: RF-TP-05B
Lab Sample ID: A8F96106
Date Collected: 12/16/2008
Time Collected: 11:40

Date Received: 12/16/2008
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	18000		790	UG/KG	8270	12/26/2008 16:52	ERK
Fluorene	2600		790	UG/KG	8270	12/26/2008 16:52	ERK
Hexachlorobenzene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Hexachlorobutadiene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Hexachlorocyclopentadiene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Hexachloroethane	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Indeno(1,2,3-cd)pyrene	4100		790	UG/KG	8270	12/26/2008 16:52	ERK
Isophorone	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
N-Nitroso-Di-n-propylamine	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
N-nitrosodiphenylamine	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Naphthalene	1700		790	UG/KG	8270	12/26/2008 16:52	ERK
Nitrobenzene	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Pentachlorophenol	ND		1500	UG/KG	8270	12/26/2008 16:52	ERK
Phenanthrene	16000		790	UG/KG	8270	12/26/2008 16:52	ERK
Phenol	ND		790	UG/KG	8270	12/26/2008 16:52	ERK
Pyrene	16000		790	UG/KG	8270	12/26/2008 16:52	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1221	ND		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1232	ND		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1242	30		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1248	ND		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1254	ND		19	UG/KG	8082	12/22/2008 15:40	DW
Aroclor 1260	29		19	UG/KG	8082	12/22/2008 15:40	DW
Metals Analysis							
Aluminum - Total	5350	EN*	11.1	MG/KG	6010	12/19/2008 14:48	TWS
Antimony - Total	ND	N*	16.6	MG/KG	6010	12/19/2008 14:48	TWS
Arsenic - Total	8.6	*	2.2	MG/KG	6010	12/19/2008 14:48	TWS
Barium - Total	66.7	E*	0.55	MG/KG	6010	12/19/2008 14:48	TWS
Beryllium - Total	0.38		0.22	MG/KG	6010	12/19/2008 14:48	TWS
Cadmium - Total	ND		0.22	MG/KG	6010	12/19/2008 14:48	TWS
Calcium - Total	5990	E*	55.4	MG/KG	6010	12/19/2008 14:48	TWS
Chromium - Total	12.7	E	0.55	MG/KG	6010	12/19/2008 14:48	TWS
Cobalt - Total	6.1	E	0.55	MG/KG	6010	12/19/2008 14:48	TWS
Copper - Total	158	EN*	1.1	MG/KG	6010	12/19/2008 14:48	TWS
Iron - Total	34500	E*	11.1	MG/KG	6010	12/19/2008 14:48	TWS
Lead - Total	158	N	1.1	MG/KG	6010	12/19/2008 14:48	TWS
Magnesium - Total	1460	E*	22.1	MG/KG	6010	12/19/2008 14:48	TWS
Manganese - Total	586	E*	0.22	MG/KG	6010	12/19/2008 14:48	TWS
Mercury - Total	0.105		0.025	MG/KG	7471	12/19/2008 16:02	MM
Nickel - Total	20.2	EN*	0.55	MG/KG	6010	12/19/2008 14:48	TWS
Potassium - Total	650	EN	33.2	MG/KG	6010	12/19/2008 14:48	TWS
Selenium - Total	ND		4.4	MG/KG	6010	12/19/2008 14:48	TWS
Silver - Total	ND		0.55	MG/KG	6010	12/19/2008 14:48	TWS
Sodium - Total	ND	*	155	MG/KG	6010	12/19/2008 14:48	TWS
Thallium - Total	ND	N	6.6	MG/KG	6010	12/19/2008 14:48	TWS
Vanadium - Total	15.7	E	0.55	MG/KG	6010	12/19/2008 14:48	TWS

Sample ID: RF-TP-05B
Lab Sample ID: A8F96106
Date Collected: 12/16/2008
Time Collected: 11:40

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	170	EN*	2.2	MG/KG	6010	12/19/2008 14:48	TWS

Sample ID: RF-TP-05C
Lab Sample ID: A8F96107
Date Collected: 12/16/2008
Time Collected: 11:45

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,1,2-Trichloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,1-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,1-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2-Dibromoethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2-Dichloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,2-Dichloropropane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,3-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
1,4-Dichlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
2-Butanone	ND		27	UG/KG	8260	12/19/2008 04:59	CDC
2-Hexanone	ND		27	UG/KG	8260	12/19/2008 04:59	CDC
4-Methyl-2-pentanone	ND		27	UG/KG	8260	12/19/2008 04:59	CDC
Acetone	6	J	27	UG/KG	8260	12/19/2008 04:59	CDC
Benzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Bromodichloromethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Bromoform	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Bromomethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Carbon Disulfide	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Carbon Tetrachloride	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Chlorobenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Chloroethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Chloroform	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Chloromethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Cyclohexane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Dibromochloromethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Dichlorodifluoromethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Ethylbenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Isopropylbenzene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Methyl acetate	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Methylcyclohexane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Methylene chloride	16	B	5	UG/KG	8260	12/19/2008 04:59	CDC
Styrene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Tetrachloroethene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Toluene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Total Xylenes	ND		16	UG/KG	8260	12/19/2008 04:59	CDC
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Trichloroethene	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Trichlorofluoromethane	ND		5	UG/KG	8260	12/19/2008 04:59	CDC
Vinyl chloride	ND		11	UG/KG	8260	12/19/2008 04:59	CDC

Sample ID: RF-TP-05C
Lab Sample ID: A8F96107
Date Collected: 12/16/2008
Time Collected: 11:45

Date Received: 12/16/2008
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		200	UG/KG	8270	12/26/2008 17:15	ERK
2,4,5-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2,4,6-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2,4-Dichlorophenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2,4-Dimethylphenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2,4-Dinitrophenol	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
2,4-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2,6-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2-Chloronaphthalene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2-Chlorophenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2-Methylnaphthalene	18	J	200	UG/KG	8270	12/26/2008 17:15	ERK
2-Methylphenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
2-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
2-Nitrophenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
3,3'-Dichlorobenzidine	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
3-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
4,6-Dinitro-2-methylphenol	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
4-Bromophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
4-Chloro-3-methylphenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
4-Chloroaniline	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
4-Chlorophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
4-Methylphenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
4-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
4-Nitrophenol	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
Acenaphthene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Acenaphthylene	33	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Acetophenone	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Anthracene	30	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Atrazine	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Benzaldehyde	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Benzo(a)anthracene	150	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Benzo(a)pyrene	140	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Benzo(b)fluoranthene	160	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Benzo(ghi)perylene	94	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Benzo(k)fluoranthene	64	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Biphenyl	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Bis(2-chloroethoxy) methane	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Bis(2-chloroethyl) ether	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Bis(2-ethylhexyl) phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Butyl benzyl phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Caprolactam	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Carbazole	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Chrysene	140	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Di-n-butyl phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Di-n-octyl phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Dibenzo(a,h)anthracene	28	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Dibenzofuran	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Diethyl phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Dimethyl phthalate	ND		200	UG/KG	8270	12/26/2008 17:15	ERK

Sample ID: RF-TP-05C
Lab Sample ID: A8F96107
Date Collected: 12/16/2008
Time Collected: 11:45

Date Received: 12/16/2008
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	260		200	UG/KG	8270	12/26/2008 17:15	ERK
Fluorene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Hexachlorobenzene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Hexachlorobutadiene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Hexachlorocyclopentadiene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Hexachloroethane	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Indeno(1,2,3-cd)pyrene	91	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Isophorone	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
N-Nitroso-Di-n-propylamine	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
N-nitrosodiphenylamine	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Naphthalene	14	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Nitrobenzene	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Pentachlorophenol	ND		390	UG/KG	8270	12/26/2008 17:15	ERK
Phenanthrene	110	J	200	UG/KG	8270	12/26/2008 17:15	ERK
Phenol	ND		200	UG/KG	8270	12/26/2008 17:15	ERK
Pyrene	240		200	UG/KG	8270	12/26/2008 17:15	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1221	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1232	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1242	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1248	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1254	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Aroclor 1260	ND		19	UG/KG	8082	12/22/2008 15:59	DW
Metals Analysis							
Aluminum - Total	8480	EN*	10.9	MG/KG	6010	12/19/2008 14:54	TWS
Antimony - Total	ND	N*	16.3	MG/KG	6010	12/19/2008 14:54	TWS
Arsenic - Total	7.2	*	2.2	MG/KG	6010	12/19/2008 14:54	TWS
Barium - Total	198	E*	0.54	MG/KG	6010	12/19/2008 14:54	TWS
Beryllium - Total	0.28		0.22	MG/KG	6010	12/19/2008 14:54	TWS
Cadmium - Total	ND		0.22	MG/KG	6010	12/19/2008 14:54	TWS
Calcium - Total	1410	E*	54.3	MG/KG	6010	12/19/2008 14:54	TWS
Chromium - Total	8.8	E	0.54	MG/KG	6010	12/19/2008 14:54	TWS
Cobalt - Total	8.3	E	0.54	MG/KG	6010	12/19/2008 14:54	TWS
Copper - Total	18.2	EN*	1.1	MG/KG	6010	12/19/2008 14:54	TWS
Iron - Total	18800	E*	10.9	MG/KG	6010	12/19/2008 14:54	TWS
Lead - Total	19.4	N	1.1	MG/KG	6010	12/19/2008 14:54	TWS
Magnesium - Total	2030	E*	21.7	MG/KG	6010	12/19/2008 14:54	TWS
Manganese - Total	1550	E*	0.22	MG/KG	6010	12/19/2008 14:54	TWS
Mercury - Total	0.077		0.022	MG/KG	7471	12/19/2008 16:03	MM
Nickel - Total	17.0	EN*	0.54	MG/KG	6010	12/19/2008 14:54	TWS
Potassium - Total	791	EN	32.6	MG/KG	6010	12/19/2008 14:54	TWS
Selenium - Total	ND		4.3	MG/KG	6010	12/19/2008 14:54	TWS
Silver - Total	ND		0.54	MG/KG	6010	12/19/2008 14:54	TWS
Sodium - Total	ND	*	152	MG/KG	6010	12/19/2008 14:54	TWS
Thallium - Total	ND	N	6.5	MG/KG	6010	12/19/2008 14:54	TWS
Vanadium - Total	11.4	E	0.54	MG/KG	6010	12/19/2008 14:54	TWS

Sample ID: RF-TP-05C
Lab Sample ID: A8F96107
Date Collected: 12/16/2008
Time Collected: 11:45

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	49.2	EN*	2.2	MG/KG	6010	12/19/2008 14:54	TWS

Sample ID: RF-TP-06A
Lab Sample ID: A8F96108
Date Collected: 12/16/2008
Time Collected: 12:10

Date Received: 12/16/2008
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		360	UG/KG	8270	12/26/2008 17:38	ERK
2,4,5-Trichlorophenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2,4,6-Trichlorophenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2,4-Dichlorophenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2,4-Dimethylphenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2,4-Dinitrophenol	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
2,4-Dinitrotoluene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2,6-Dinitrotoluene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2-Chloronaphthalene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2-Chlorophenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2-Methylnaphthalene	41	J	360	UG/KG	8270	12/26/2008 17:38	ERK
2-Methylphenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
2-Nitroaniline	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
2-Nitrophenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
3,3'-Dichlorobenzidine	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
3-Nitroaniline	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
4,6-Dinitro-2-methylphenol	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
4-Bromophenyl phenyl ether	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
4-Chloro-3-methylphenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
4-Chloroaniline	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
4-Chlorophenyl phenyl ether	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
4-Methylphenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
4-Nitroaniline	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
4-Nitrophenol	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
Acenaphthene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Acenaphthylene	260	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Acetophenone	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Anthracene	97	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Atrazine	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Benzaldehyde	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Benzo(a)anthracene	440		360	UG/KG	8270	12/26/2008 17:38	ERK
Benzo(a)pyrene	500		360	UG/KG	8270	12/26/2008 17:38	ERK
Benzo(b)fluoranthene	570		360	UG/KG	8270	12/26/2008 17:38	ERK
Benzo(ghi)perylene	290	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Benzo(k)fluoranthene	250	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Biphenyl	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Bis(2-chloroethoxy) methane	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Bis(2-chloroethyl) ether	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Bis(2-ethylhexyl) phthalate	160	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Butyl benzyl phthalate	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Caprolactam	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Carbazole	17	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Chrysene	440		360	UG/KG	8270	12/26/2008 17:38	ERK
Di-n-butyl phthalate	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Di-n-octyl phthalate	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Dibenzo(a,h)anthracene	31	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Dibenzofuran	16	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Diethyl phthalate	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Dimethyl phthalate	ND		360	UG/KG	8270	12/26/2008 17:38	ERK

Sample ID: RF-TP-06A
Lab Sample ID: A8F96108
Date Collected: 12/16/2008
Time Collected: 12:10

Date Received: 12/16/2008
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	610		360	UG/KG	8270	12/26/2008 17:38	ERK
Fluorene	21	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Hexachlorobenzene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Hexachlorobutadiene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Hexachlorocyclopentadiene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Hexachloroethane	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Indeno(1,2,3-cd)pyrene	260	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Isophorone	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
N-Nitroso-Di-n-propylamine	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
N-nitrosodiphenylamine	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Naphthalene	44	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Nitrobenzene	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Pentachlorophenol	ND		700	UG/KG	8270	12/26/2008 17:38	ERK
Phenanthrene	200	J	360	UG/KG	8270	12/26/2008 17:38	ERK
Phenol	ND		360	UG/KG	8270	12/26/2008 17:38	ERK
Pyrene	630		360	UG/KG	8270	12/26/2008 17:38	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1221	ND		17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1232	ND		17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1242	ND		17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1248	ND		17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1254	12	J	17	UG/KG	8082	12/22/2008 16:19	DW
Aroclor 1260	18		17	UG/KG	8082	12/22/2008 16:19	DW
Metals Analysis							
Aluminum - Total	3600	EN*	11.3	MG/KG	6010	12/19/2008 14:59	TWS
Antimony - Total	ND	N*	17.0	MG/KG	6010	12/19/2008 14:59	TWS
Arsenic - Total	4.6	*	2.3	MG/KG	6010	12/19/2008 14:59	TWS
Barium - Total	69.3	E*	0.57	MG/KG	6010	12/19/2008 14:59	TWS
Beryllium - Total	ND		0.23	MG/KG	6010	12/19/2008 14:59	TWS
Cadmium - Total	ND		0.23	MG/KG	6010	12/19/2008 14:59	TWS
Calcium - Total	45600	E*	56.6	MG/KG	6010	12/19/2008 14:59	TWS
Chromium - Total	17.7	E	0.57	MG/KG	6010	12/19/2008 14:59	TWS
Cobalt - Total	3.0	E	0.57	MG/KG	6010	12/19/2008 14:59	TWS
Copper - Total	32.3	EN*	1.1	MG/KG	6010	12/19/2008 14:59	TWS
Iron - Total	22900	E*	11.3	MG/KG	6010	12/19/2008 14:59	TWS
Lead - Total	22.6	N	1.1	MG/KG	6010	12/19/2008 14:59	TWS
Magnesium - Total	4620	E*	22.6	MG/KG	6010	12/19/2008 14:59	TWS
Manganese - Total	411	E*	0.23	MG/KG	6010	12/19/2008 14:59	TWS
Mercury - Total	ND		0.022	MG/KG	7471	12/19/2008 16:05	MM
Nickel - Total	16.6	EN*	0.57	MG/KG	6010	12/19/2008 14:59	TWS
Potassium - Total	429	EN	33.9	MG/KG	6010	12/19/2008 14:59	TWS
Selenium - Total	ND		4.5	MG/KG	6010	12/19/2008 14:59	TWS
Silver - Total	ND		0.57	MG/KG	6010	12/19/2008 14:59	TWS
Sodium - Total	ND	*	158	MG/KG	6010	12/19/2008 14:59	TWS
Thallium - Total	ND	N	6.8	MG/KG	6010	12/19/2008 14:59	TWS
Vanadium - Total	5.6	E	0.57	MG/KG	6010	12/19/2008 14:59	TWS

Sample ID: RF-TP-06A
Lab Sample ID: A8F96108
Date Collected: 12/16/2008
Time Collected: 12:10

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	72.2	EN*	2.3	MG/KG	6010	12/19/2008 14:59	TWS

Sample ID: RF-TP-06B
Lab Sample ID: A8F96109
Date Collected: 12/16/2008
Time Collected: 12:15

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,1,2-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,1-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,1-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2-Dibromoethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,2-Dichloropropane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,3-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
1,4-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
2-Butanone	ND		28	UG/KG	8260	12/19/2008 05:24	CDC
2-Hexanone	ND		28	UG/KG	8260	12/19/2008 05:24	CDC
4-Methyl-2-pentanone	ND		28	UG/KG	8260	12/19/2008 05:24	CDC
Acetone	28		28	UG/KG	8260	12/19/2008 05:24	CDC
Benzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Bromodichloromethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Bromoform	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Bromomethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Carbon Disulfide	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Carbon Tetrachloride	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Chlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Chloroethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Chloroform	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Chloromethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Cyclohexane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Dibromochloromethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Dichlorodifluoromethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Ethylbenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Isopropylbenzene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Methyl acetate	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Methylcyclohexane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Methylene chloride	17	B	6	UG/KG	8260	12/19/2008 05:24	CDC
Styrene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Tetrachloroethene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Toluene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Total Xylenes	ND		17	UG/KG	8260	12/19/2008 05:24	CDC
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Trichloroethene	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Trichlorofluoromethane	ND		6	UG/KG	8260	12/19/2008 05:24	CDC
Vinyl chloride	ND		11	UG/KG	8260	12/19/2008 05:24	CDC

Sample ID: RF-TP-06B
Lab Sample ID: A8F96109
Date Collected: 12/16/2008
Time Collected: 12:15

Date Received: 12/16/2008
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		200	UG/KG	8270	12/26/2008 18:01	ERK
2,4,5-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2,4,6-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2,4-Dichlorophenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2,4-Dimethylphenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2,4-Dinitrophenol	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
2,4-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2,6-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2-Chloronaphthalene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2-Chlorophenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2-Methylnaphthalene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2-Methylphenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
2-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
2-Nitrophenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
3,3'-Dichlorobenzidine	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
3-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
4,6-Dinitro-2-methylphenol	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
4-Bromophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
4-Chloro-3-methylphenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
4-Chloroaniline	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
4-Chlorophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
4-Methylphenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
4-Nitroaniline	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
4-Nitrophenol	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
Acenaphthene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Acenaphthylene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Acetophenone	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Anthracene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Atrazine	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzaldehyde	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzo(a)anthracene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzo(a)pyrene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzo(b)fluoranthene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzo(ghi)perylene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Benzo(k)fluoranthene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Biphenyl	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Bis(2-chloroethoxy) methane	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Bis(2-chloroethyl) ether	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Bis(2-ethylhexyl) phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Butyl benzyl phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Caprolactam	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Carbazole	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Chrysene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Di-n-butyl phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Di-n-octyl phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Dibenzo(a,h)anthracene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Dibenzofuran	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Diethyl phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Dimethyl phthalate	ND		200	UG/KG	8270	12/26/2008 18:01	ERK

Sample ID: RF-TP-06B
Lab Sample ID: A8F96109
Date Collected: 12/16/2008
Time Collected: 12:15

Date Received: 12/16/2008
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	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Fluorene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Hexachlorobenzene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Hexachlorobutadiene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Hexachlorocyclopentadiene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Hexachloroethane	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Indeno(1,2,3-cd)pyrene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Isophorone	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
N-Nitroso-Di-n-propylamine	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
N-nitrosodiphenylamine	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Naphthalene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Nitrobenzene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Pentachlorophenol	ND		390	UG/KG	8270	12/26/2008 18:01	ERK
Phenanthrene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Phenol	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
Pyrene	ND		200	UG/KG	8270	12/26/2008 18:01	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1221	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1232	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1242	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1248	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1254	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Aroclor 1260	ND		20	UG/KG	8082	12/22/2008 17:18	DW
Metals Analysis							
Aluminum - Total	10900	EN*	11.8	MG/KG	6010	12/19/2008 15:17	TWS
Antimony - Total	ND	N*	17.8	MG/KG	6010	12/19/2008 15:17	TWS
Arsenic - Total	8.9	*	2.4	MG/KG	6010	12/19/2008 15:17	TWS
Barium - Total	71.8	E*	0.59	MG/KG	6010	12/19/2008 15:17	TWS
Beryllium - Total	0.49		0.24	MG/KG	6010	12/19/2008 15:17	TWS
Cadmium - Total	ND		0.24	MG/KG	6010	12/19/2008 15:17	TWS
Calcium - Total	22600	E*	59.2	MG/KG	6010	12/19/2008 15:17	TWS
Chromium - Total	13.9	E	0.59	MG/KG	6010	12/19/2008 15:17	TWS
Cobalt - Total	9.7	E	0.59	MG/KG	6010	12/19/2008 15:17	TWS
Copper - Total	20.9	EN*	1.2	MG/KG	6010	12/19/2008 15:17	TWS
Iron - Total	23300	E*	11.8	MG/KG	6010	12/19/2008 15:17	TWS
Lead - Total	11.1	N	1.2	MG/KG	6010	12/19/2008 15:17	TWS
Magnesium - Total	9820	E*	23.7	MG/KG	6010	12/19/2008 15:17	TWS
Manganese - Total	363	E*	0.24	MG/KG	6010	12/19/2008 15:17	TWS
Mercury - Total	ND		0.026	MG/KG	7471	12/19/2008 16:06	MM
Nickel - Total	24.2	EN*	0.59	MG/KG	6010	12/19/2008 15:17	TWS
Potassium - Total	1380	EN	35.5	MG/KG	6010	12/19/2008 15:17	TWS
Selenium - Total	ND		4.7	MG/KG	6010	12/19/2008 15:17	TWS
Silver - Total	ND		0.59	MG/KG	6010	12/19/2008 15:17	TWS
Sodium - Total	ND	*	166	MG/KG	6010	12/19/2008 15:17	TWS
Thallium - Total	ND	N	7.1	MG/KG	6010	12/19/2008 15:17	TWS
Vanadium - Total	16.6	E	0.59	MG/KG	6010	12/19/2008 15:17	TWS

Sample ID: RF-TP-06B
Lab Sample ID: A8F96109
Date Collected: 12/16/2008
Time Collected: 12:15

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	55.1	EN*	2.4	MG/KG	6010	12/19/2008 15:17	TWS

Sample ID: RF-TP-07A
Lab Sample ID: A8F96110
Date Collected: 12/16/2008
Time Collected: 13:40

Date Received: 12/16/2008
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		370	UG/KG	8270	12/26/2008 18:24	ERK
2,4,5-Trichlorophenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2,4,6-Trichlorophenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2,4-Dichlorophenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2,4-Dimethylphenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2,4-Dinitrophenol	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
2,4-Dinitrotoluene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2,6-Dinitrotoluene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2-Chloronaphthalene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2-Chlorophenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2-Methylnaphthalene	150	J	370	UG/KG	8270	12/26/2008 18:24	ERK
2-Methylphenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
2-Nitroaniline	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
2-Nitrophenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
3,3'-Dichlorobenzidine	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
3-Nitroaniline	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
4,6-Dinitro-2-methylphenol	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
4-Bromophenyl phenyl ether	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
4-Chloro-3-methylphenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
4-Chloroaniline	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
4-Chlorophenyl phenyl ether	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
4-Methylphenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
4-Nitroaniline	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
4-Nitrophenol	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
Acenaphthene	19	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Acenaphthylene	82	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Acetophenone	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Anthracene	90	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Atrazine	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Benzaldehyde	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Benzo(a)anthracene	490		370	UG/KG	8270	12/26/2008 18:24	ERK
Benzo(a)pyrene	520		370	UG/KG	8270	12/26/2008 18:24	ERK
Benzo(b)fluoranthene	820		370	UG/KG	8270	12/26/2008 18:24	ERK
Benzo(ghi)perylene	340	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Benzo(k)fluoranthene	230	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Biphenyl	40	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Bis(2-chloroethoxy) methane	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Bis(2-chloroethyl) ether	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Bis(2-ethylhexyl) phthalate	400		370	UG/KG	8270	12/26/2008 18:24	ERK
Butyl benzyl phthalate	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Caprolactam	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Carbazole	42	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Chrysene	560		370	UG/KG	8270	12/26/2008 18:24	ERK
Di-n-butyl phthalate	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Di-n-octyl phthalate	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Dibenzo(a,h)anthracene	32	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Dibenzofuran	56	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Diethyl phthalate	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Dimethyl phthalate	ND		370	UG/KG	8270	12/26/2008 18:24	ERK

Sample ID: RF-TP-07A
Lab Sample ID: A8F96110
Date Collected: 12/16/2008
Time Collected: 13:40

Date Received: 12/16/2008
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	810		370	UG/KG	8270	12/26/2008 18:24	ERK
Fluorene	25	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Hexachlorobenzene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Hexachlorobutadiene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Hexachlorocyclopentadiene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Hexachloroethane	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Indeno(1,2,3-cd)pyrene	300	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Isophorone	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
N-Nitroso-Di-n-propylamine	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
N-nitrosodiphenylamine	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Naphthalene	200	J	370	UG/KG	8270	12/26/2008 18:24	ERK
Nitrobenzene	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Pentachlorophenol	ND		720	UG/KG	8270	12/26/2008 18:24	ERK
Phenanthrene	460		370	UG/KG	8270	12/26/2008 18:24	ERK
Phenol	ND		370	UG/KG	8270	12/26/2008 18:24	ERK
Pyrene	700		370	UG/KG	8270	12/26/2008 18:24	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1242	54		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1248	ND		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1254	26		18	UG/KG	8082	12/22/2008 17:38	DW
Aroclor 1260	ND		18	UG/KG	8082	12/22/2008 17:38	DW
Metals Analysis							
Aluminum - Total	3350	EN*	12.2	MG/KG	6010	12/19/2008 15:22	TWS
Antimony - Total	ND	N*	18.3	MG/KG	6010	12/19/2008 15:22	TWS
Arsenic - Total	3.6	*	2.4	MG/KG	6010	12/19/2008 15:22	TWS
Barium - Total	36.6	E*	0.61	MG/KG	6010	12/19/2008 15:22	TWS
Beryllium - Total	ND		0.24	MG/KG	6010	12/19/2008 15:22	TWS
Cadmium - Total	0.29		0.24	MG/KG	6010	12/19/2008 15:22	TWS
Calcium - Total	4310	E*	61.1	MG/KG	6010	12/19/2008 15:22	TWS
Chromium - Total	11.4	E	0.61	MG/KG	6010	12/19/2008 15:22	TWS
Cobalt - Total	2.4	E	0.61	MG/KG	6010	12/19/2008 15:22	TWS
Copper - Total	51.5	EN*	1.2	MG/KG	6010	12/19/2008 15:22	TWS
Iron - Total	12600	E*	12.2	MG/KG	6010	12/19/2008 15:22	TWS
Lead - Total	56.5	N	1.2	MG/KG	6010	12/19/2008 15:22	TWS
Magnesium - Total	1200	E*	24.4	MG/KG	6010	12/19/2008 15:22	TWS
Manganese - Total	342	E*	0.24	MG/KG	6010	12/19/2008 15:22	TWS
Mercury - Total	0.070		0.022	MG/KG	7471	12/19/2008 16:08	MM
Nickel - Total	11.7	EN*	0.61	MG/KG	6010	12/19/2008 15:22	TWS
Potassium - Total	378	EN	36.7	MG/KG	6010	12/19/2008 15:22	TWS
Selenium - Total	ND		4.9	MG/KG	6010	12/19/2008 15:22	TWS
Silver - Total	ND		0.61	MG/KG	6010	12/19/2008 15:22	TWS
Sodium - Total	ND	*	171	MG/KG	6010	12/19/2008 15:22	TWS
Thallium - Total	ND	N	7.3	MG/KG	6010	12/19/2008 15:22	TWS
Vanadium - Total	5.0	E	0.61	MG/KG	6010	12/19/2008 15:22	TWS

Sample ID: RF-TP-07A
Lab Sample ID: A8F96110
Date Collected: 12/16/2008
Time Collected: 13:40

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	117	EN*	2.4	MG/KG	6010	12/19/2008 15:22	TWS

Sample ID: RF-TP-07B
Lab Sample ID: A8F96111
Date Collected: 12/16/2008
Time Collected: 13:35

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,1,2-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,1-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,1-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2-Dibromoethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,2-Dichloropropane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,3-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
1,4-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
2-Butanone	ND		29	UG/KG	8260	12/19/2008 05:49	CDC
2-Hexanone	ND		29	UG/KG	8260	12/19/2008 05:49	CDC
4-Methyl-2-pentanone	ND		29	UG/KG	8260	12/19/2008 05:49	CDC
Acetone	ND		29	UG/KG	8260	12/19/2008 05:49	CDC
Benzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Bromodichloromethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Bromoform	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Bromomethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Carbon Disulfide	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Carbon Tetrachloride	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Chlorobenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Chloroethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Chloroform	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Chloromethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Cyclohexane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Dibromochloromethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Dichlorodifluoromethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Ethylbenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Isopropylbenzene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Methyl acetate	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Methylcyclohexane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Methylene chloride	9	B	6	UG/KG	8260	12/19/2008 05:49	CDC
Styrene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Tetrachloroethene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Toluene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Total Xylenes	ND		18	UG/KG	8260	12/19/2008 05:49	CDC
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Trichloroethene	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Trichlorofluoromethane	ND		6	UG/KG	8260	12/19/2008 05:49	CDC
Vinyl chloride	ND		12	UG/KG	8260	12/19/2008 05:49	CDC

Sample ID: RF-TP-07B
Lab Sample ID: A8F96111
Date Collected: 12/16/2008
Time Collected: 13:35

Date Received: 12/16/2008
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		190	UG/KG	8270	12/26/2008 18:47	ERK
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2,4-Dichlorophenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2,4-Dimethylphenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2,4-Dinitrophenol	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
2,4-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2,6-Dinitrotoluene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2-Chloronaphthalene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2-Chlorophenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
2-Methylnaphthalene	260		190	UG/KG	8270	12/26/2008 18:47	ERK
2-Methylphenol	21	J	190	UG/KG	8270	12/26/2008 18:47	ERK
2-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
2-Nitrophenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
3-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
4,6-Dinitro-2-methylphenol	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
4-Chloroaniline	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
4-Methylphenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
4-Nitroaniline	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
4-Nitrophenol	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
Acenaphthene	15	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Acenaphthylene	32	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Acetophenone	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Anthracene	73	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Atrazine	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzaldehyde	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzo(a)anthracene	330		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzo(a)pyrene	460		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzo(b)fluoranthene	690		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzo(ghi)perylene	290		190	UG/KG	8270	12/26/2008 18:47	ERK
Benzo(k)fluoranthene	280		190	UG/KG	8270	12/26/2008 18:47	ERK
Biphenyl	69	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Bis(2-ethylhexyl) phthalate	340		190	UG/KG	8270	12/26/2008 18:47	ERK
Butyl benzyl phthalate	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Caprolactam	110	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Carbazole	27	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Chrysene	520		190	UG/KG	8270	12/26/2008 18:47	ERK
Di-n-butyl phthalate	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Di-n-octyl phthalate	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Dibenzo(a,h)anthracene	76	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Dibenzofuran	84	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Diethyl phthalate	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Dimethyl phthalate	ND		190	UG/KG	8270	12/26/2008 18:47	ERK

Sample ID: RF-TP-07B
Lab Sample ID: A8F96111
Date Collected: 12/16/2008
Time Collected: 13:35

Date Received: 12/16/2008
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	370		190	UG/KG	8270	12/26/2008 18:47	ERK
Fluorene	23	J	190	UG/KG	8270	12/26/2008 18:47	ERK
Hexachlorobenzene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Hexachlorobutadiene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Hexachloroethane	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Indeno(1,2,3-cd)pyrene	240		190	UG/KG	8270	12/26/2008 18:47	ERK
Isophorone	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
N-nitrosodiphenylamine	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Naphthalene	380		190	UG/KG	8270	12/26/2008 18:47	ERK
Nitrobenzene	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Pentachlorophenol	ND		370	UG/KG	8270	12/26/2008 18:47	ERK
Phenanthrene	410		190	UG/KG	8270	12/26/2008 18:47	ERK
Phenol	ND		190	UG/KG	8270	12/26/2008 18:47	ERK
Pyrene	340		190	UG/KG	8270	12/26/2008 18:47	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1221	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1232	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1242	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1248	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1254	30		19	UG/KG	8082	12/22/2008 17:57	DW
Aroclor 1260	ND		19	UG/KG	8082	12/22/2008 17:57	DW
Metals Analysis							
Aluminum - Total	2070	EN*	11.7	MG/KG	6010	12/19/2008 15:27	TWS
Antimony - Total	ND	N*	17.6	MG/KG	6010	12/19/2008 15:27	TWS
Arsenic - Total	2.4	*	2.3	MG/KG	6010	12/19/2008 15:27	TWS
Barium - Total	21.4	E*	0.59	MG/KG	6010	12/19/2008 15:27	TWS
Beryllium - Total	ND		0.23	MG/KG	6010	12/19/2008 15:27	TWS
Cadmium - Total	0.41		0.23	MG/KG	6010	12/19/2008 15:27	TWS
Calcium - Total	911	E*	58.6	MG/KG	6010	12/19/2008 15:27	TWS
Chromium - Total	10.3	E	0.59	MG/KG	6010	12/19/2008 15:27	TWS
Cobalt - Total	1.3	E	0.59	MG/KG	6010	12/19/2008 15:27	TWS
Copper - Total	31.1	EN*	1.2	MG/KG	6010	12/19/2008 15:27	TWS
Iron - Total	9610	E*	11.7	MG/KG	6010	12/19/2008 15:27	TWS
Lead - Total	39.3	N	1.2	MG/KG	6010	12/19/2008 15:27	TWS
Magnesium - Total	402	E*	23.4	MG/KG	6010	12/19/2008 15:27	TWS
Manganese - Total	122	E*	0.23	MG/KG	6010	12/19/2008 15:27	TWS
Mercury - Total	0.082		0.021	MG/KG	7471	12/19/2008 16:12	MM
Nickel - Total	10.4	EN*	0.59	MG/KG	6010	12/19/2008 15:27	TWS
Potassium - Total	221	EN	35.1	MG/KG	6010	12/19/2008 15:27	TWS
Selenium - Total	ND		4.7	MG/KG	6010	12/19/2008 15:27	TWS
Silver - Total	ND		0.59	MG/KG	6010	12/19/2008 15:27	TWS
Sodium - Total	ND	*	164	MG/KG	6010	12/19/2008 15:27	TWS
Thallium - Total	ND	N	7.0	MG/KG	6010	12/19/2008 15:27	TWS
Vanadium - Total	3.6	E	0.59	MG/KG	6010	12/19/2008 15:27	TWS

Sample ID: RF-TP-07B
Lab Sample ID: A8F96111
Date Collected: 12/16/2008
Time Collected: 13:35

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	82.3	EN*	2.3	MG/KG	6010	12/19/2008 15:27	TWS

Sample ID: RF-TP-07C
Lab Sample ID: A8F96112
Date Collected: 12/16/2008
Time Collected: 13:30

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,1,2-Trichloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,1-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,1-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2-Dibromoethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2-Dichloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,2-Dichloropropane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,3-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
1,4-Dichlorobenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
2-Butanone	ND		29	UG/KG	8260	12/19/2008 12:26	PQ
2-Hexanone	ND		29	UG/KG	8260	12/19/2008 12:26	PQ
4-Methyl-2-pentanone	ND		29	UG/KG	8260	12/19/2008 12:26	PQ
Acetone	9	J	29	UG/KG	8260	12/19/2008 12:26	PQ
Benzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Bromodichloromethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Bromoform	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Bromomethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Carbon Disulfide	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Carbon Tetrachloride	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Chlorobenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Chloroethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Chloroform	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Chloromethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Cyclohexane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Dibromochloromethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Dichlorodifluoromethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Ethylbenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Isopropylbenzene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Methyl acetate	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Methylcyclohexane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Methylene chloride	14	B	6	UG/KG	8260	12/19/2008 12:26	PQ
Styrene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Tetrachloroethene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Toluene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Total Xylenes	ND		17	UG/KG	8260	12/19/2008 12:26	PQ
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Trichloroethene	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Trichlorofluoromethane	ND		6	UG/KG	8260	12/19/2008 12:26	PQ
Vinyl chloride	ND		12	UG/KG	8260	12/19/2008 12:26	PQ

Sample ID: RF-TP-07C
Lab Sample ID: A8F96112
Date Collected: 12/16/2008
Time Collected: 13:30

Date Received: 12/16/2008
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		200	UG/KG	8270	12/26/2008 19:10	ERK
2,4,5-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2,4,6-Trichlorophenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2,4-Dichlorophenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2,4-Dimethylphenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2,4-Dinitrophenol	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
2,4-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2,6-Dinitrotoluene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2-Chloronaphthalene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2-Chlorophenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2-Methylnaphthalene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2-Methylphenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
2-Nitroaniline	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
2-Nitrophenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
3,3'-Dichlorobenzidine	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
3-Nitroaniline	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
4,6-Dinitro-2-methylphenol	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
4-Bromophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
4-Chloro-3-methylphenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
4-Chloroaniline	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
4-Chlorophenyl phenyl ether	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
4-Methylphenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
4-Nitroaniline	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
4-Nitrophenol	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
Acenaphthene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Acenaphthylene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Acetophenone	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Anthracene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Atrazine	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzaldehyde	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzo(a)anthracene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzo(a)pyrene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzo(b)fluoranthene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzo(ghi)perylene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Benzo(k)fluoranthene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Biphenyl	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Bis(2-chloroethoxy) methane	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Bis(2-chloroethyl) ether	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Bis(2-ethylhexyl) phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Butyl benzyl phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Caprolactam	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Carbazole	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Chrysene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Di-n-butyl phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Di-n-octyl phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Dibenzo(a,h)anthracene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Dibenzofuran	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Diethyl phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Dimethyl phthalate	ND		200	UG/KG	8270	12/26/2008 19:10	ERK

Sample ID: RF-TP-07C
Lab Sample ID: A8F96112
Date Collected: 12/16/2008
Time Collected: 13:30

Date Received: 12/16/2008
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	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Fluorene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Hexachlorobenzene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Hexachlorobutadiene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Hexachlorocyclopentadiene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Hexachloroethane	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Indeno(1,2,3-cd)pyrene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Isophorone	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
N-Nitroso-Di-n-propylamine	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
N-nitrosodiphenylamine	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Naphthalene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Nitrobenzene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Pentachlorophenol	ND		400	UG/KG	8270	12/26/2008 19:10	ERK
Phenanthrene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Phenol	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
Pyrene	ND		200	UG/KG	8270	12/26/2008 19:10	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1221	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1232	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1242	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1248	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1254	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Aroclor 1260	ND		20	UG/KG	8082	12/22/2008 18:17	DW
Metals Analysis							
Aluminum - Total	6910	EN*	10.7	MG/KG	6010	12/19/2008 15:38	TWS
Antimony - Total	ND	N*	16.0	MG/KG	6010	12/19/2008 15:38	TWS
Arsenic - Total	7.2	*	2.1	MG/KG	6010	12/19/2008 15:38	TWS
Barium - Total	296	E*	0.53	MG/KG	6010	12/19/2008 15:38	TWS
Beryllium - Total	ND		0.21	MG/KG	6010	12/19/2008 15:38	TWS
Cadmium - Total	ND		0.21	MG/KG	6010	12/19/2008 15:38	TWS
Calcium - Total	44000	E*	53.4	MG/KG	6010	12/19/2008 15:38	TWS
Chromium - Total	9.1	E	0.53	MG/KG	6010	12/19/2008 15:38	TWS
Cobalt - Total	6.0	E	0.53	MG/KG	6010	12/19/2008 15:38	TWS
Copper - Total	13.2	EN*	1.1	MG/KG	6010	12/19/2008 15:38	TWS
Iron - Total	16400	E*	10.7	MG/KG	6010	12/19/2008 15:38	TWS
Lead - Total	13.1	N	1.1	MG/KG	6010	12/19/2008 15:38	TWS
Magnesium - Total	27600	E*	21.3	MG/KG	6010	12/19/2008 15:38	TWS
Manganese - Total	981	E*	0.21	MG/KG	6010	12/19/2008 15:38	TWS
Mercury - Total	ND		0.023	MG/KG	7471	12/19/2008 16:13	MM
Nickel - Total	14.0	EN*	0.53	MG/KG	6010	12/19/2008 15:38	TWS
Potassium - Total	709	EN	32.0	MG/KG	6010	12/19/2008 15:38	TWS
Selenium - Total	ND		4.3	MG/KG	6010	12/19/2008 15:38	TWS
Silver - Total	ND		0.53	MG/KG	6010	12/19/2008 15:38	TWS
Sodium - Total	ND	*	149	MG/KG	6010	12/19/2008 15:38	TWS
Thallium - Total	ND	N	6.4	MG/KG	6010	12/19/2008 15:38	TWS
Vanadium - Total	10.0	E	0.53	MG/KG	6010	12/19/2008 15:38	TWS

Sample ID: RF-TP-07C
Lab Sample ID: A8F96112
Date Collected: 12/16/2008
Time Collected: 13:30

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	41.7	EN*	2.1	MG/KG	6010	12/19/2008 15:38	TWS

Sample ID: RF-TP-08A
Lab Sample ID: A8F96113
Date Collected: 12/16/2008
Time Collected: 14:30

Date Received: 12/16/2008
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		770	UG/KG	8270	12/26/2008 20:19	ERK
2,4,5-Trichlorophenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2,4,6-Trichlorophenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2,4-Dichlorophenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2,4-Dimethylphenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2,4-Dinitrophenol	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
2,4-Dinitrotoluene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2,6-Dinitrotoluene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2-Chloronaphthalene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2-Chlorophenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2-Methylnaphthalene	240	J	770	UG/KG	8270	12/26/2008 20:19	ERK
2-Methylphenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
2-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
2-Nitrophenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
3,3'-Dichlorobenzidine	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
3-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
4,6-Dinitro-2-methylphenol	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
4-Bromophenyl phenyl ether	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
4-Chloro-3-methylphenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
4-Chloroaniline	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
4-Chlorophenyl phenyl ether	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
4-Methylphenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
4-Nitroaniline	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
4-Nitrophenol	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
Acenaphthene	600	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Acenaphthylene	420	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Acetophenone	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Anthracene	2100		770	UG/KG	8270	12/26/2008 20:19	ERK
Atrazine	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzaldehyde	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzo(a)anthracene	5000		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzo(a)pyrene	4700		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzo(b)fluoranthene	6000		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzo(ghi)perylene	2100		770	UG/KG	8270	12/26/2008 20:19	ERK
Benzo(k)fluoranthene	2000		770	UG/KG	8270	12/26/2008 20:19	ERK
Biphenyl	100	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Bis(2-chloroethoxy) methane	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Bis(2-chloroethyl) ether	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Bis(2-ethylhexyl) phthalate	9800		770	UG/KG	8270	12/26/2008 20:19	ERK
Butyl benzyl phthalate	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Caprolactam	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Carbazole	920		770	UG/KG	8270	12/26/2008 20:19	ERK
Chrysene	4200		770	UG/KG	8270	12/26/2008 20:19	ERK
Di-n-butyl phthalate	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Di-n-octyl phthalate	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Dibenzo(a,h)anthracene	540	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Dibenzofuran	750	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Diethyl phthalate	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Dimethyl phthalate	ND		770	UG/KG	8270	12/26/2008 20:19	ERK

Sample ID: RF-TP-08A
Lab Sample ID: A8F96113
Date Collected: 12/16/2008
Time Collected: 14:30

Date Received: 12/16/2008
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	12000		770	UG/KG	8270	12/26/2008 20:19	ERK
Fluorene	1100		770	UG/KG	8270	12/26/2008 20:19	ERK
Hexachlorobenzene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Hexachlorobutadiene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Hexachlorocyclopentadiene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Hexachloroethane	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Indeno(1,2,3-cd)pyrene	2000		770	UG/KG	8270	12/26/2008 20:19	ERK
Isophorone	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
N-Nitroso-Di-n-propylamine	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
N-nitrosodiphenylamine	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Naphthalene	210	J	770	UG/KG	8270	12/26/2008 20:19	ERK
Nitrobenzene	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Pentachlorophenol	ND		1500	UG/KG	8270	12/26/2008 20:19	ERK
Phenanthrene	11000		770	UG/KG	8270	12/26/2008 20:19	ERK
Phenol	ND		770	UG/KG	8270	12/26/2008 20:19	ERK
Pyrene	8800		770	UG/KG	8270	12/26/2008 20:19	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1221	ND		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1232	ND		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1242	ND		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1248	180		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1254	ND		19	UG/KG	8082	12/22/2008 19:16	DW
Aroclor 1260	55		19	UG/KG	8082	12/22/2008 19:16	DW
Metals Analysis							
Aluminum - Total	7140	EN*	10.7	MG/KG	6010	12/19/2008 16:03	TWS
Antimony - Total	ND	N*	16.1	MG/KG	6010	12/19/2008 16:03	TWS
Arsenic - Total	12.3	*	2.1	MG/KG	6010	12/19/2008 16:03	TWS
Barium - Total	128	E*	0.54	MG/KG	6010	12/19/2008 16:03	TWS
Beryllium - Total	0.31		0.21	MG/KG	6010	12/19/2008 16:03	TWS
Cadmium - Total	0.87		0.21	MG/KG	6010	12/19/2008 16:03	TWS
Calcium - Total	19600	E*	53.5	MG/KG	6010	12/19/2008 16:03	TWS
Chromium - Total	38.1	E	0.54	MG/KG	6010	12/19/2008 16:03	TWS
Cobalt - Total	7.7	E	0.54	MG/KG	6010	12/19/2008 16:03	TWS
Copper - Total	834	EN*	1.1	MG/KG	6010	12/19/2008 16:03	TWS
Iron - Total	59200	E*	10.7	MG/KG	6010	12/19/2008 16:03	TWS
Lead - Total	140	N	1.1	MG/KG	6010	12/19/2008 16:03	TWS
Magnesium - Total	2350	E*	21.4	MG/KG	6010	12/19/2008 16:03	TWS
Manganese - Total	891	E*	0.21	MG/KG	6010	12/19/2008 16:03	TWS
Mercury - Total	0.214		0.022	MG/KG	7471	12/19/2008 16:20	MM
Nickel - Total	79.4	EN*	0.54	MG/KG	6010	12/19/2008 16:03	TWS
Potassium - Total	815	EN	32.1	MG/KG	6010	12/19/2008 16:03	TWS
Selenium - Total	ND		4.3	MG/KG	6010	12/19/2008 16:03	TWS
Silver - Total	ND		0.54	MG/KG	6010	12/19/2008 16:03	TWS
Sodium - Total	177	*	150	MG/KG	6010	12/19/2008 16:03	TWS
Thallium - Total	ND	N	6.4	MG/KG	6010	12/19/2008 16:03	TWS
Vanadium - Total	22.1	E	0.54	MG/KG	6010	12/19/2008 16:03	TWS

Sample ID: RF-TP-08A
Lab Sample ID: A8F96113
Date Collected: 12/16/2008
Time Collected: 14:30

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	436	EN*	2.1	MG/KG	6010	12/19/2008 16:03	TWS

Sample ID: RF-TP-08B
Lab Sample ID: A8F96114
Date Collected: 12/16/2008
Time Collected: 14:15

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,1,2,2-Tetrachloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,1,2-Trichloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,1-Dichloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,1-Dichloroethene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2,4-Trichlorobenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2-Dibromo-3-chloropropane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2-Dibromoethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2-Dichlorobenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2-Dichloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,2-Dichloropropane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,3-Dichlorobenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
1,4-Dichlorobenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
2-Butanone	ND		34	UG/KG	8260	12/19/2008 13:43	PQ
2-Hexanone	ND		34	UG/KG	8260	12/19/2008 13:43	PQ
4-Methyl-2-pentanone	ND		34	UG/KG	8260	12/19/2008 13:43	PQ
Acetone	13	J	34	UG/KG	8260	12/19/2008 13:43	PQ
Benzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Bromodichloromethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Bromoform	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Bromomethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Carbon Disulfide	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Carbon Tetrachloride	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Chlorobenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Chloroethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Chloroform	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Chloromethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
cis-1,2-Dichloroethene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
cis-1,3-Dichloropropene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Cyclohexane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Dibromochloromethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Dichlorodifluoromethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Ethylbenzene	6	J	7	UG/KG	8260	12/19/2008 13:43	PQ
Isopropylbenzene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Methyl acetate	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Methyl-t-Butyl Ether (MTBE)	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Methylcyclohexane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Methylene chloride	14	B	7	UG/KG	8260	12/19/2008 13:43	PQ
Styrene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Tetrachloroethene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Toluene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Total Xylenes	98		20	UG/KG	8260	12/19/2008 13:43	PQ
trans-1,2-Dichloroethene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
trans-1,3-Dichloropropene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Trichloroethene	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Trichlorofluoromethane	ND		7	UG/KG	8260	12/19/2008 13:43	PQ
Vinyl chloride	ND		13	UG/KG	8260	12/19/2008 13:43	PQ

Sample ID: RF-TP-08B
Lab Sample ID: A8F96114
Date Collected: 12/16/2008
Time Collected: 14:15

Date Received: 12/16/2008
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		180	UG/KG	8270	12/26/2008 20:42	ERK
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2,4-Dichlorophenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2,4-Dimethylphenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2,4-Dinitrophenol	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
2,4-Dinitrotoluene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2,6-Dinitrotoluene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2-Chloronaphthalene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2-Chlorophenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2-Methylnaphthalene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2-Methylphenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
2-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
2-Nitrophenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
3-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
4-Chloroaniline	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
4-Methylphenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
4-Nitroaniline	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
4-Nitrophenol	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
Acenaphthene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Acenaphthylene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Acetophenone	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Anthracene	8	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Atrazine	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Benzaldehyde	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Benzo(a)anthracene	39	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Benzo(a)pyrene	45	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Benzo(b)fluoranthene	61	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Benzo(ghi)perylene	33	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Benzo(k)fluoranthene	24	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Biphenyl	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Bis(2-ethylhexyl) phthalate	290		180	UG/KG	8270	12/26/2008 20:42	ERK
Butyl benzyl phthalate	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Caprolactam	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Carbazole	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Chrysene	42	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Di-n-butyl phthalate	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Di-n-octyl phthalate	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Dibenzofuran	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Diethyl phthalate	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Dimethyl phthalate	ND		180	UG/KG	8270	12/26/2008 20:42	ERK

Sample ID: RF-TP-08B
Lab Sample ID: A8F96114
Date Collected: 12/16/2008
Time Collected: 14:15

Date Received: 12/16/2008
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	72	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Fluorene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Hexachlorobenzene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Hexachlorobutadiene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Hexachloroethane	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Indeno(1,2,3-cd)pyrene	28	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Isophorone	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
N-nitrosodiphenylamine	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Naphthalene	8	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Nitrobenzene	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Pentachlorophenol	ND		350	UG/KG	8270	12/26/2008 20:42	ERK
Phenanthrene	39	J	180	UG/KG	8270	12/26/2008 20:42	ERK
Phenol	ND		180	UG/KG	8270	12/26/2008 20:42	ERK
Pyrene	59	J	180	UG/KG	8270	12/26/2008 20:42	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1242	ND		18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1248	11	J	18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1254	ND		18	UG/KG	8082	12/22/2008 19:35	DW
Aroclor 1260	4.0	J	18	UG/KG	8082	12/22/2008 19:35	DW
Metals Analysis							
Aluminum - Total	9180	EN*	10.4	MG/KG	6010	12/19/2008 16:08	TWS
Antimony - Total	ND	N*	15.6	MG/KG	6010	12/19/2008 16:08	TWS
Arsenic - Total	9.2	*	2.1	MG/KG	6010	12/19/2008 16:08	TWS
Barium - Total	229	E*	0.52	MG/KG	6010	12/19/2008 16:08	TWS
Beryllium - Total	0.25		0.21	MG/KG	6010	12/19/2008 16:08	TWS
Cadmium - Total	ND		0.21	MG/KG	6010	12/19/2008 16:08	TWS
Calcium - Total	3510	E*	52.1	MG/KG	6010	12/19/2008 16:08	TWS
Chromium - Total	10.4	E	0.52	MG/KG	6010	12/19/2008 16:08	TWS
Cobalt - Total	8.3	E	0.52	MG/KG	6010	12/19/2008 16:08	TWS
Copper - Total	39.7	EN*	1.0	MG/KG	6010	12/19/2008 16:08	TWS
Iron - Total	19000	E*	10.4	MG/KG	6010	12/19/2008 16:08	TWS
Lead - Total	25.9	N	1.0	MG/KG	6010	12/19/2008 16:08	TWS
Magnesium - Total	2610	E*	20.9	MG/KG	6010	12/19/2008 16:08	TWS
Manganese - Total	648	E*	0.21	MG/KG	6010	12/19/2008 16:08	TWS
Mercury - Total	0.034		0.022	MG/KG	7471	12/19/2008 16:22	MM
Nickel - Total	18.7	EN*	0.52	MG/KG	6010	12/19/2008 16:08	TWS
Potassium - Total	710	EN	31.3	MG/KG	6010	12/19/2008 16:08	TWS
Selenium - Total	ND		4.2	MG/KG	6010	12/19/2008 16:08	TWS
Silver - Total	ND		0.52	MG/KG	6010	12/19/2008 16:08	TWS
Sodium - Total	ND	*	146	MG/KG	6010	12/19/2008 16:08	TWS
Thallium - Total	ND	N	6.3	MG/KG	6010	12/19/2008 16:08	TWS
Vanadium - Total	10.2	E	0.52	MG/KG	6010	12/19/2008 16:08	TWS

Sample ID: RF-TP-08B
Lab Sample ID: A8F96114
Date Collected: 12/16/2008
Time Collected: 14:15

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	79.5	EN*	2.1	MG/KG	6010	12/19/2008 16:08	TWS

Sample ID: RF-TP-09A
Lab Sample ID: A8F96115
Date Collected: 12/16/2008
Time Collected: 15:00

Date Received: 12/16/2008
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		940	UG/KG	8270	12/26/2008 21:05	ERK
2,4,5-Trichlorophenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2,4,6-Trichlorophenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2,4-Dichlorophenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2,4-Dimethylphenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2,4-Dinitrophenol	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
2,4-Dinitrotoluene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2,6-Dinitrotoluene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2-Chloronaphthalene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2-Chlorophenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2-Methylnaphthalene	170	J	940	UG/KG	8270	12/26/2008 21:05	ERK
2-Methylphenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
2-Nitroaniline	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
2-Nitrophenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
3,3'-Dichlorobenzidine	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
3-Nitroaniline	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
4,6-Dinitro-2-methylphenol	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
4-Bromophenyl phenyl ether	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
4-Chloro-3-methylphenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
4-Chloroaniline	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
4-Chlorophenyl phenyl ether	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
4-Methylphenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
4-Nitroaniline	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
4-Nitrophenol	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
Acenaphthene	300	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Acenaphthylene	300	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Acetophenone	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Anthracene	1300		940	UG/KG	8270	12/26/2008 21:05	ERK
Atrazine	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzaldehyde	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzo(a)anthracene	2600		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzo(a)pyrene	2200		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzo(b)fluoranthene	2600		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzo(ghi)perylene	1000		940	UG/KG	8270	12/26/2008 21:05	ERK
Benzo(k)fluoranthene	1200		940	UG/KG	8270	12/26/2008 21:05	ERK
Biphenyl	59	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Bis(2-chloroethoxy) methane	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Bis(2-chloroethyl) ether	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Bis(2-ethylhexyl) phthalate	340	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Butyl benzyl phthalate	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Caprolactam	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Carbazole	220	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Chrysene	2300		940	UG/KG	8270	12/26/2008 21:05	ERK
Di-n-butyl phthalate	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Di-n-octyl phthalate	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Dibenzo(a,h)anthracene	94	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Dibenzofuran	370	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Diethyl phthalate	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Dimethyl phthalate	ND		940	UG/KG	8270	12/26/2008 21:05	ERK

Sample ID: RF-TP-09A
Lab Sample ID: A8F96115
Date Collected: 12/16/2008
Time Collected: 15:00

Date Received: 12/16/2008
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	6400		940	UG/KG	8270	12/26/2008 21:05	ERK
Fluorene	670	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Hexachlorobenzene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Hexachlorobutadiene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Hexachlorocyclopentadiene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Hexachloroethane	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Indeno(1,2,3-cd)pyrene	980		940	UG/KG	8270	12/26/2008 21:05	ERK
Isophorone	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
N-Nitroso-Di-n-propylamine	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
N-nitrosodiphenylamine	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Naphthalene	150	J	940	UG/KG	8270	12/26/2008 21:05	ERK
Nitrobenzene	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Pentachlorophenol	ND		1800	UG/KG	8270	12/26/2008 21:05	ERK
Phenanthrene	5700		940	UG/KG	8270	12/26/2008 21:05	ERK
Phenol	ND		940	UG/KG	8270	12/26/2008 21:05	ERK
Pyrene	4800		940	UG/KG	8270	12/26/2008 21:05	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1221	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1232	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1242	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1248	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1254	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Aroclor 1260	ND		18	UG/KG	8082	12/22/2008 19:55	DW
Metals Analysis							
Aluminum - Total	3730	EN*	11.1	MG/KG	6010	12/19/2008 16:26	TWS
Antimony - Total	ND	N*	16.7	MG/KG	6010	12/19/2008 16:26	TWS
Arsenic - Total	6.1	*	2.2	MG/KG	6010	12/19/2008 16:26	TWS
Barium - Total	57.1	E*	0.56	MG/KG	6010	12/19/2008 16:26	TWS
Beryllium - Total	ND		0.22	MG/KG	6010	12/19/2008 16:26	TWS
Cadmium - Total	0.30		0.22	MG/KG	6010	12/19/2008 16:26	TWS
Calcium - Total	1990	E*	55.7	MG/KG	6010	12/19/2008 16:26	TWS
Chromium - Total	6.6	E	0.56	MG/KG	6010	12/19/2008 16:26	TWS
Cobalt - Total	2.1	E	0.56	MG/KG	6010	12/19/2008 16:26	TWS
Copper - Total	96.5	EN*	1.1	MG/KG	6010	12/19/2008 16:26	TWS
Iron - Total	10800	E*	11.1	MG/KG	6010	12/19/2008 16:26	TWS
Lead - Total	79.2	N	1.1	MG/KG	6010	12/19/2008 16:26	TWS
Magnesium - Total	590	E*	22.3	MG/KG	6010	12/19/2008 16:26	TWS
Manganese - Total	354	E*	0.22	MG/KG	6010	12/19/2008 16:26	TWS
Mercury - Total	0.074		0.021	MG/KG	7471	12/19/2008 16:24	MM
Nickel - Total	7.7	EN*	0.56	MG/KG	6010	12/19/2008 16:26	TWS
Potassium - Total	358	EN	33.4	MG/KG	6010	12/19/2008 16:26	TWS
Selenium - Total	ND		4.5	MG/KG	6010	12/19/2008 16:26	TWS
Silver - Total	ND		0.56	MG/KG	6010	12/19/2008 16:26	TWS
Sodium - Total	ND	*	156	MG/KG	6010	12/19/2008 16:26	TWS
Thallium - Total	ND	N	6.7	MG/KG	6010	12/19/2008 16:26	TWS
Vanadium - Total	6.7	E	0.56	MG/KG	6010	12/19/2008 16:26	TWS

Sample ID: RF-TP-09A
Lab Sample ID: A8F96115
Date Collected: 12/16/2008
Time Collected: 15:00

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	148	EN*	2.2	MG/KG	6010	12/19/2008 16:26	TWS

Sample ID: RF-TP-11A
Lab Sample ID: A8F96116
Date Collected: 12/16/2008
Time Collected: 15:20

Date Received: 12/16/2008
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		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,4,5-Trichlorophenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,4,6-Trichlorophenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,4-Dichlorophenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,4-Dimethylphenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,4-Dinitrophenol	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
2,4-Dinitrotoluene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2,6-Dinitrotoluene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2-Chloronaphthalene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2-Chlorophenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2-Methylnaphthalene	230	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
2-Methylphenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
2-Nitroaniline	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
2-Nitrophenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
3,3'-Dichlorobenzidine	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
3-Nitroaniline	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
4,6-Dinitro-2-methylphenol	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
4-Bromophenyl phenyl ether	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
4-Chloro-3-methylphenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
4-Chloroaniline	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
4-Chlorophenyl phenyl ether	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
4-Methylphenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
4-Nitroaniline	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
4-Nitrophenol	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
Acenaphthene	48	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Acenaphthylene	110	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Acetophenone	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Anthracene	180	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Atrazine	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzaldehyde	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzo(a)anthracene	1100		1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzo(a)pyrene	1500		1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzo(b)fluoranthene	2000		1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzo(ghi)perylene	940	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Benzo(k)fluoranthene	840	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Biphenyl	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Bis(2-chloroethoxy) methane	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Bis(2-chloroethyl) ether	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Bis(2-ethylhexyl) phthalate	4900		1000	UG/KG	8270	12/26/2008 21:28	ERK
Butyl benzyl phthalate	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Caprolactam	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Carbazole	160	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Chrysene	1400		1000	UG/KG	8270	12/26/2008 21:28	ERK
Di-n-butyl phthalate	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Di-n-octyl phthalate	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Dibenzo(a,h)anthracene	240	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Dibenzofuran	73	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Diethyl phthalate	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Dimethyl phthalate	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK

Sample ID: RF-TP-11A
Lab Sample ID: A8F96116
Date Collected: 12/16/2008
Time Collected: 15:20

Date Received: 12/16/2008
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	2100		1000	UG/KG	8270	12/26/2008 21:28	ERK
Fluorene	66	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Hexachlorobenzene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Hexachlorobutadiene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Hexachlorocyclopentadiene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Hexachloroethane	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Indeno(1,2,3-cd)pyrene	810	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Isophorone	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
N-Nitroso-Di-n-propylamine	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
N-nitrosodiphenylamine	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Naphthalene	180	J	1000	UG/KG	8270	12/26/2008 21:28	ERK
Nitrobenzene	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Pentachlorophenol	ND		2000	UG/KG	8270	12/26/2008 21:28	ERK
Phenanthrene	1100		1000	UG/KG	8270	12/26/2008 21:28	ERK
Phenol	ND		1000	UG/KG	8270	12/26/2008 21:28	ERK
Pyrene	1800		1000	UG/KG	8270	12/26/2008 21:28	ERK
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1221	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1232	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1242	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1248	27		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1254	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Aroclor 1260	ND		20	UG/KG	8082	12/22/2008 20:15	DW
Metals Analysis							
Aluminum - Total	8580	EN*	12.6	MG/KG	6010	12/19/2008 16:31	TWS
Antimony - Total	ND	N*	19.0	MG/KG	6010	12/19/2008 16:31	TWS
Arsenic - Total	11.6	*	2.5	MG/KG	6010	12/19/2008 16:31	TWS
Barium - Total	163	E*	0.63	MG/KG	6010	12/19/2008 16:31	TWS
Beryllium - Total	0.33		0.25	MG/KG	6010	12/19/2008 16:31	TWS
Cadmium - Total	1.4		0.25	MG/KG	6010	12/19/2008 16:31	TWS
Calcium - Total	6430	E*	63.2	MG/KG	6010	12/19/2008 16:31	TWS
Chromium - Total	43.7	E	0.63	MG/KG	6010	12/19/2008 16:31	TWS
Cobalt - Total	8.9	E	0.63	MG/KG	6010	12/19/2008 16:31	TWS
Copper - Total	1300	EN*	1.3	MG/KG	6010	12/19/2008 16:31	TWS
Iron - Total	49700	E*	12.6	MG/KG	6010	12/19/2008 16:31	TWS
Lead - Total	541	N	1.3	MG/KG	6010	12/19/2008 16:31	TWS
Magnesium - Total	1980	E*	25.3	MG/KG	6010	12/19/2008 16:31	TWS
Manganese - Total	982	E*	0.25	MG/KG	6010	12/19/2008 16:31	TWS
Mercury - Total	0.074		0.025	MG/KG	7471	12/19/2008 16:25	MM
Nickel - Total	44.2	EN*	0.63	MG/KG	6010	12/19/2008 16:31	TWS
Potassium - Total	733	EN	37.9	MG/KG	6010	12/19/2008 16:31	TWS
Selenium - Total	ND		5.1	MG/KG	6010	12/19/2008 16:31	TWS
Silver - Total	0.71		0.63	MG/KG	6010	12/19/2008 16:31	TWS
Sodium - Total	ND	*	177	MG/KG	6010	12/19/2008 16:31	TWS
Thallium - Total	ND	N	7.6	MG/KG	6010	12/19/2008 16:31	TWS
Vanadium - Total	16.4	E	0.63	MG/KG	6010	12/19/2008 16:31	TWS

Sample ID: RF-TP-11A
Lab Sample ID: A8F96116
Date Collected: 12/16/2008
Time Collected: 15:20

Date Received: 12/16/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	645	EN*	2.5	MG/KG	6010	12/19/2008 16:31	TWS

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PANAMERICAN ENVIRONMENTAL, INC	~~PETE~~ JOHN BERRY	12/16/08	122587
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
2390 CLINTON ST.	(716) 821-1652 / (716) 821-1607		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
BUFFALO / NY / 14227	EUGENE MEUNIER	BRIAN FISCHER	
Project Name and Location (State)	**Carrier/Waybill Number**		
RANDOLPH FOUNDARY / RANDOLPH (N.Y.)			
Contract/Purchase Order/Quote No.			

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: TAL Metals	TCL SVOC	PCB's	TCL VOC	Special Instructions/ Conditions of Receipt
RF-TP-03A	12/16/08	0850				X	X						X	X	X		ASP-B DELIVERABLES
RF-TP-03B		0910				X	X						X	X	X	X	
RF-TP-04A		1040				X	X						X	X	X		
RF-TP-04B		1050				X	X						X	X	X	X	
RF-TP-05A		1110				X	X						X	X	X		
RF-TP-05B		1140				X	X						X	X	X	X	
RF-TP-05C		1145				X	X						X	X	X	X	
RF-TP-06A		1210				X	X						X	X	X		
RF-TP-06B		1215				X	X						X	X	X	X	
RF-TP-07A		1340				X	X						X	X	X		
RF-TP-07B		1335				X	X						X	X	X	X	
RF-TP-07C		1330				X	X						X	X	X	X	

Possible Hazard Identification
☐ 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 STD (30 DAY)

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	12/16/08	1805	[signature]	12-16-2008	18:05
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

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PANAMERICAN ENVIRONMENTAL, INC	JOHN BERRY	12/16/08	122584
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
2350 CLINTON ST	(716) 821-1650 / (716) 821-1667		
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
BUFFALO	NY	14227	EUGENE MEDWICK	BRIAN FISCHER
Project Name and Location (State)	**Carrier/Waybill Number**
RANDOLPH FOUNDRY / RANDOLPH (N.Y.)	—
Contract/Purchase Order/Quote No.	

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	TAL Metals	TCL SVOC	PCBs	TCL VOC	Special Instructions/ Conditions of Receipt
RF-TP-07C-MS	~~12/16/08~~ 12/16/08	1330				X	X						X	X	X	X	ASP-B DELIVERABLES
RF-TP-07C-MSD	12/16/08	1330				X	X						X	X	X	X	
RF-TP-08A		1430				X	X						X	X	X		
RF-TP-08B		1415				X	X						X	X	X	X	
RF-TP-09A		1500				X	X						X	X	X		
RF-TP-11A		1520											X	X	X		
													(BJF 12/17/08 - CONFIRMED w/ JR)				

Possible Hazard Identification
☐ 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 STD (30 DAY)

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/16/08	1805	1. Received By	12-16-08	18:05
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

SDG NARRATIVE

Job#: A08-G358

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

A08-G358
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curve A8I0001006-1.

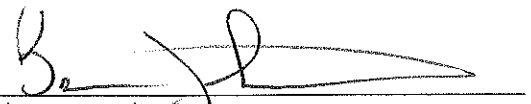
For method 8260, sample MW-02 was preserved to a pH less than 2.

GC/MS Semivolatile Data

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curve A8I0001010-1.

The continuing calibration verification standard A9C0000032-1 exhibited the percent Difference (%D) as greater than 20% on the Form VII for the analyte Pentachlorophenol. However since this analyte was calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 4.22%. No corrective action was required.

"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 Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."



Brian J. Fischer
Project Manager

1-20-09

Date

Sample ID: MW-02
Lab Sample ID: A8G35801
Date Collected: 12/30/2008
Time Collected: 13:57

Date Received: 12/30/2008
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	01/03/2009 20:15	ND
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,1-Dichloroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,1-Dichloroethene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2-Dibromoethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2-Dichloroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,2-Dichloropropane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
2-Butanone	ND		5.0	UG/L	8260	01/03/2009 20:15	ND
2-Hexanone	ND		5.0	UG/L	8260	01/03/2009 20:15	ND
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	01/03/2009 20:15	ND
Acetone	ND		5.0	UG/L	8260	01/03/2009 20:15	ND
Benzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Bromodichloromethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Bromoform	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Bromomethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Carbon Disulfide	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Carbon Tetrachloride	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Chlorobenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Chloroethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Chloroform	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Chloromethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Cyclohexane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Dibromochloromethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Dichlorodifluoromethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Ethylbenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Isopropylbenzene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Methyl acetate	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Methylcyclohexane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Methylene chloride	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Styrene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Tetrachloroethene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Toluene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Total Xylenes	ND		3.0	UG/L	8260	01/03/2009 20:15	ND
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Trichloroethene	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Trichlorofluoromethane	ND		1.0	UG/L	8260	01/03/2009 20:15	ND
Vinyl chloride	ND		1.0	UG/L	8260	01/03/2009 20:15	ND

Sample ID: MW-02
Lab Sample ID: A8G35801
Date Collected: 12/30/2008
Time Collected: 13:57

Date Received: 12/30/2008
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							
2,2'-Oxybis(1-Chloropropane)	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,4,5-Trichlorophenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,4,6-Trichlorophenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,4-Dichlorophenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,4-Dimethylphenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,4-Dinitrophenol	ND		16	UG/L	8270	01/06/2009 17:50	BWM
2,4-Dinitrotoluene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2,6-Dinitrotoluene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2-Chloronaphthalene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2-Chlorophenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2-Methylnaphthalene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2-Methylphenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
2-Nitroaniline	ND		16	UG/L	8270	01/06/2009 17:50	BWM
2-Nitrophenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
3,3'-Dichlorobenzidine	ND		8	UG/L	8270	01/06/2009 17:50	BWM
3-Nitroaniline	ND		16	UG/L	8270	01/06/2009 17:50	BWM
4,6-Dinitro-2-methylphenol	ND		16	UG/L	8270	01/06/2009 17:50	BWM
4-Bromophenyl phenyl ether	ND		8	UG/L	8270	01/06/2009 17:50	BWM
4-Chloro-3-methylphenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
4-Chloroaniline	ND		8	UG/L	8270	01/06/2009 17:50	BWM
4-Chlorophenyl phenyl ether	ND		8	UG/L	8270	01/06/2009 17:50	BWM
4-Methylphenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
4-Nitroaniline	ND		16	UG/L	8270	01/06/2009 17:50	BWM
4-Nitrophenol	ND		16	UG/L	8270	01/06/2009 17:50	BWM
Acenaphthene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Acenaphthylene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Acetophenone	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Anthracene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Atrazine	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzaldehyde	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzo(a)anthracene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzo(a)pyrene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzo(b)fluoranthene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzo(ghi)perylene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Benzo(k)fluoranthene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Biphenyl	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Bis(2-chloroethoxy) methane	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Bis(2-chloroethyl) ether	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Bis(2-ethylhexyl) phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Butyl benzyl phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Caprolactam	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Carbazole	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Chrysene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Di-n-butyl phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Di-n-octyl phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Dibenzo(a,h)anthracene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Dibenzofuran	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Diethyl phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Dimethyl phthalate	ND		8	UG/L	8270	01/06/2009 17:50	BWM

Sample ID: MW-02
Lab Sample ID: A8G35801
Date Collected: 12/30/2008
Time Collected: 13:57

Date Received: 12/30/2008
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							
Fluoranthene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Fluorene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Hexachlorobenzene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Hexachlorobutadiene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Hexachlorocyclopentadiene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Hexachloroethane	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Indeno(1,2,3-cd)pyrene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Isophorone	ND		8	UG/L	8270	01/06/2009 17:50	BWM
N-Nitroso-Di-n-propylamine	ND		8	UG/L	8270	01/06/2009 17:50	BWM
N-nitrosodiphenylamine	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Naphthalene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Nitrobenzene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Pentachlorophenol	ND		16	UG/L	8270	01/06/2009 17:50	BWM
Phenanthrene	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Phenol	ND		8	UG/L	8270	01/06/2009 17:50	BWM
Pyrene	ND		8	UG/L	8270	01/06/2009 17:50	BWM

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

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TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PANAMERICAN ENVIRONMENTAL	JOHN BERRY	12/30/08	122585
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2390 CLINTON ST.	(716) 821-1698 / (716) 821-1607		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
BUFFALO / NY / 14227	EUGENE MELNYK	BRIAN FISCHER	
Project Name and Location (State)	**Carrier/Waybill Number**		
RANDOLPH FOUNDRY			
Contract/Purchase Order/Quote No.			
NYSA946109 169			

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: TCL VOAs	TCL SVOA
MW-02	12/30/08	1357		X						X			X	
MW-02	↓	1447		X			X							X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ 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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/30/08	1650	1. Received By	12/30/08	1650
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

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ANALYTICAL REPORT

Job#: A08-A973

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Randolph Foundry: Site #E905030

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

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

10/01/2008

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TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
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	NY0044
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*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA,RCRA	68-00281
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

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8A97304	LARGE SUMP NORTHWEST	SOIL	09/09/2008	13:25	09/09/2008	16:46
A8A97303	LARGE SUMP SOUTHEAST	SOIL	09/09/2008	13:15	09/09/2008	16:46
A8A97302	NORTH SUMP EXCAV.	SOIL	09/09/2008	12:40	09/09/2008	16:46
A8A97301	SEPTIC TANK EXCAV.	SOIL	09/09/2008	12:50	09/09/2008	16:46

METHODS SUMMARY

Job#: A08-A973

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

PARAMETER	ANALYTICAL METHOD
NYSDEC - METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
NYSDEC -S-METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
NYS DEC-SOIL METHOD 8081 - TCL PESTICIDES	SW8463 8081
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
Cyanide - Total	SW8463 9012

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.

SDG NARRATIVE

Job#: A08-A973

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

A08-A973
Sample Cooler(s) were received at the following temperature(s); 5.8 °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

The internal standard recovery for Perylene-D12 was below the method defined quality control limit in samples LARGE SUMP SOUTHEAST and LARGE SUMP NORTHWEST. The samples were re-analyzed at a higher dilution with compliant results. Both analyses were included in the results. No further corrective action was required.

GC Extractable Data

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

Metals Data

No deviations from protocol were encountered during the analytical procedures.

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 Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

10-2-03
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SEPTIC TANK EXCAV.	A8A97301	8082	5.00	002
NORTH SUMP EXCAV.	A8A97302	8081	50.00	010
NORTH SUMP EXCAV.	A8A97302	8270	10.00	012
LARGE SUMP SOUTHEAST	A8A97303	8081	100.00	010
LARGE SUMP SOUTHEAST	A8A97303	8082	2.00	008
LARGE SUMP SOUTHEAST	A8A97303RI	8270	20.00	005
LARGE SUMP NORTHWEST	A8A97304	8081	20.00	010
LARGE SUMP NORTHWEST	A8A97304	8082	5.00	008
LARGE SUMP NORTHWEST	A8A97304RI	8270	20.00	005

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

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THE LEADER IN ENVIRONMENTAL TESTING

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.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	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: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,1,2-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,1-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,1-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2-Dibromoethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,2-Dichloropropane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,3-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
1,4-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
2-Butanone	ND		26	UG/KG	8260	09/11/2008 21:14	LH
2-Hexanone	ND		26	UG/KG	8260	09/11/2008 21:14	LH
4-Methyl-2-pentanone	ND		26	UG/KG	8260	09/11/2008 21:14	LH
Acetone	130		26	UG/KG	8260	09/11/2008 21:14	LH
Benzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Bromodichloromethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Bromoform	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Bromomethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Carbon Disulfide	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Carbon Tetrachloride	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Chlorobenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Chloroethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Chloroform	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Chloromethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Cyclohexane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Dibromochloromethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Dichlorodifluoromethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Ethylbenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Isopropylbenzene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Methyl acetate	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Methylcyclohexane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Methylene chloride	9	B	5	UG/KG	8260	09/11/2008 21:14	LH
Styrene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Tetrachloroethene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Toluene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Total Xylenes	ND		16	UG/KG	8260	09/11/2008 21:14	LH
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Trichloroethene	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Trichlorofluoromethane	ND		5	UG/KG	8260	09/11/2008 21:14	LH
Vinyl chloride	ND		10	UG/KG	8260	09/11/2008 21:14	LH

Sample ID: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
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		190	UG/KG	8270	09/12/2008 16:26	MD
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2,4-Dichlorophenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2,4-Dimethylphenol	1700		190	UG/KG	8270	09/12/2008 16:26	MD
2,4-Dinitrophenol	ND		360	UG/KG	8270	09/12/2008 16:26	MD
2,4-Dinitrotoluene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2,6-Dinitrotoluene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2-Chloronaphthalene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2-Chlorophenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2-Methylnaphthalene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
2-Methylphenol	39	J	190	UG/KG	8270	09/12/2008 16:26	MD
2-Nitroaniline	ND		360	UG/KG	8270	09/12/2008 16:26	MD
2-Nitrophenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	09/12/2008 16:26	MD
3-Nitroaniline	ND		360	UG/KG	8270	09/12/2008 16:26	MD
4,6-Dinitro-2-methylphenol	ND		360	UG/KG	8270	09/12/2008 16:26	MD
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	09/12/2008 16:26	MD
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	09/12/2008 16:26	MD
4-Chloroaniline	ND		190	UG/KG	8270	09/12/2008 16:26	MD
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	09/12/2008 16:26	MD
4-Methylphenol	3000		190	UG/KG	8270	09/12/2008 16:26	MD
4-Nitroaniline	ND		360	UG/KG	8270	09/12/2008 16:26	MD
4-Nitrophenol	ND		360	UG/KG	8270	09/12/2008 16:26	MD
Acenaphthene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Acenaphthylene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Acetophenone	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Anthracene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Atrazine	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Benzaldehyde	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Benzo(a)anthracene	14	J	190	UG/KG	8270	09/12/2008 16:26	MD
Benzo(a)pyrene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Benzo(b)fluoranthene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Benzo(ghi)perylene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Benzo(k)fluoranthene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Biphenyl	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Bis(2-ethylhexyl) phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Butyl benzyl phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Caprolactam	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Carbazole	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Chrysene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Di-n-butyl phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Di-n-octyl phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Dibenzo(a,h)anthracene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Dibenzofuran	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Diethyl phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Dimethyl phthalate	ND		190	UG/KG	8270	09/12/2008 16:26	MD

Sample ID: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
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	14	J	190	UG/KG	8270	09/12/2008 16:26	MD
Fluorene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Hexachlorobenzene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Hexachlorobutadiene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Hexachloroethane	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Indeno(1,2,3-cd)pyrene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Isophorone	ND		190	UG/KG	8270	09/12/2008 16:26	MD
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	09/12/2008 16:26	MD
N-nitrosodiphenylamine	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Naphthalene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Nitrobenzene	ND		190	UG/KG	8270	09/12/2008 16:26	MD
Pentachlorophenol	ND		360	UG/KG	8270	09/12/2008 16:26	MD
Phenanthrene	15	J	190	UG/KG	8270	09/12/2008 16:26	MD
Phenol	4100		190	UG/KG	8270	09/12/2008 16:26	MD
Pyrene	8	J	190	UG/KG	8270	09/12/2008 16:26	MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES							
4,4'-DDD	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
4,4'-DDE	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
4,4'-DDT	16	J	37	UG/KG	8081	09/26/2008 20:23	TCH
Aldrin	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
alpha-BHC	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
beta-BHC	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Chlordane	ND		370	UG/KG	8081	09/26/2008 20:23	TCH
delta-BHC	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Dieldrin	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endosulfan I	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endosulfan II	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endosulfan Sulfate	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endrin	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endrin aldehyde	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Endrin ketone	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
gamma-BHC (Lindane)	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Heptachlor	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Heptachlor epoxide	ND		37	UG/KG	8081	09/26/2008 20:23	TCH
Methoxychlor	ND		370	UG/KG	8081	09/26/2008 20:23	TCH
Toxaphene							
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1221	ND		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1232	ND		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1242	ND		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1248	290		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1254	ND		93	UG/KG	8082	09/12/2008 20:25	DW
Aroclor 1260	ND		93	UG/KG	8082	09/12/2008 20:25	DW

Sample ID: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Aluminum - Total	12400		12.1	MG/KG	6010	09/12/2008 01:39	AH
Antimony - Total	ND		18.1	MG/KG	6010	09/12/2008 01:39	AH
Arsenic - Total	8.7		2.4	MG/KG	6010	09/12/2008 01:39	AH
Barium - Total	228		0.60	MG/KG	6010	09/12/2008 01:39	AH
Beryllium - Total	0.30		0.24	MG/KG	6010	09/12/2008 01:39	AH
Cadmium - Total	ND		0.24	MG/KG	6010	09/12/2008 16:32	AH
Calcium - Total	2220		60.3	MG/KG	6010	09/12/2008 01:39	AH
Chromium - Total	14.8		0.60	MG/KG	6010	09/12/2008 01:39	AH
Cobalt - Total	10		0.60	MG/KG	6010	09/12/2008 01:39	AH
Copper - Total	30.1		1.2	MG/KG	6010	09/12/2008 01:39	AH
Iron - Total	24500		12.1	MG/KG	6010	09/12/2008 01:39	AH
Lead - Total	9.6		1.2	MG/KG	6010	09/12/2008 01:39	AH
Magnesium - Total	5440		24.1	MG/KG	6010	09/12/2008 01:39	AH
Manganese - Total	453		0.24	MG/KG	6010	09/12/2008 01:39	AH
Mercury - Total	ND		0.023	MG/KG	7471	09/11/2008 13:35	MM
Nickel - Total	17.4		0.60	MG/KG	6010	09/12/2008 01:39	AH
Potassium - Total	2060		36.2	MG/KG	6010	09/12/2008 01:39	AH
Selenium - Total	ND		4.8	MG/KG	6010	09/12/2008 01:39	AH
Silver - Total	ND		0.60	MG/KG	6010	09/12/2008 01:39	AH
Sodium - Total	414		169	MG/KG	6010	09/12/2008 01:39	AH
Thallium - Total	ND		7.2	MG/KG	6010	09/12/2008 01:39	AH
Vanadium - Total	26.4		0.60	MG/KG	6010	09/12/2008 01:39	AH
Zinc - Total	72.6		2.4	MG/KG	6010	09/12/2008 01:39	AH
Wet Chemistry Analysis							
Cyanide - Total	2.6		0.72	MG/KG	9012	09/22/2008 09:35	LRM

Sample ID: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304RI
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
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		3800	UG/KG	8270	09/18/2008 14:22	MD
2,4,5-Trichlorophenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2,4,6-Trichlorophenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2,4-Dichlorophenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2,4-Dimethylphenol	1300	J	3800	UG/KG	8270	09/18/2008 14:22	MD
2,4-Dinitrophenol	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
2,4-Dinitrotoluene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2,6-Dinitrotoluene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2-Chloronaphthalene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2-Chlorophenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2-Methylnaphthalene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2-Methylphenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
2-Nitroaniline	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
2-Nitrophenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
3,3'-Dichlorobenzidine	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
3-Nitroaniline	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
4,6-Dinitro-2-methylphenol	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
4-Bromophenyl phenyl ether	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
4-Chloro-3-methylphenol	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
4-Chloroaniline	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
4-Chlorophenyl phenyl ether	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
4-Methylphenol	3600	J	3800	UG/KG	8270	09/18/2008 14:22	MD
4-Nitroaniline	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
4-Nitrophenol	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
Acenaphthene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Acenaphthylene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Acetophenone	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Anthracene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Atrazine	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzaldehyde	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzo(a)anthracene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzo(a)pyrene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzo(b)fluoranthene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzo(ghi)perylene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Benzo(k)fluoranthene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Biphenyl	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Bis(2-chloroethoxy) methane	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Bis(2-chloroethyl) ether	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Bis(2-ethylhexyl) phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Butyl benzyl phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Caprolactam	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Carbazole	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Chrysene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Di-n-butyl phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Di-n-octyl phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Dibenzo(a,h)anthracene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Dibenzofuran	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Diethyl phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Dimethyl phthalate	ND		3800	UG/KG	8270	09/18/2008 14:22	MD

Sample ID: LARGE SUMP NORTHWEST
Lab Sample ID: A8A97304RI
Date Collected: 09/09/2008
Time Collected: 13:25

Date Received: 09/09/2008
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	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Fluorene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Hexachlorobenzene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Hexachlorobutadiene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Hexachlorocyclopentadiene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Hexachloroethane	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Indeno(1,2,3-cd)pyrene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Isophorone	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
N-Nitroso-Di-n-propylamine	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
N-nitrosodiphenylamine	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Naphthalene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Nitrobenzene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Pentachlorophenol	ND		7300	UG/KG	8270	09/18/2008 14:22	MD
Phenanthrene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD
Phenol	5400		3800	UG/KG	8270	09/18/2008 14:22	MD
Pyrene	ND		3800	UG/KG	8270	09/18/2008 14:22	MD

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303
Date Collected: 09/09/2008
Time Collected: 13:15

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,1,2-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,1-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,1-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2-Dibromoethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,2-Dichloropropane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,3-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
1,4-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
2-Butanone	ND		26	UG/KG	8260	09/11/2008 20:48	LH
2-Hexanone	ND		26	UG/KG	8260	09/11/2008 20:48	LH
4-Methyl-2-pentanone	ND		26	UG/KG	8260	09/11/2008 20:48	LH
Acetone	ND		26	UG/KG	8260	09/11/2008 20:48	LH
Benzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Bromodichloromethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Bromoform	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Bromomethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Carbon Disulfide	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Carbon Tetrachloride	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Chlorobenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Chloroethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Chloroform	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Chloromethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Cyclohexane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Dibromochloromethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Dichlorodifluoromethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Ethylbenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Isopropylbenzene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Methyl acetate	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Methylcyclohexane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Methylene chloride	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Styrene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Tetrachloroethene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Toluene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Total Xylenes	ND		16	UG/KG	8260	09/11/2008 20:48	LH
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Trichloroethene	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Trichlorofluoromethane	ND		5	UG/KG	8260	09/11/2008 20:48	LH
Vinyl chloride	ND		11	UG/KG	8260	09/11/2008 20:48	LH

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303
Date Collected: 09/09/2008
Time Collected: 13:15

Date Received: 09/09/2008
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		180	UG/KG	8270	09/12/2008 16:04	MD
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2,4-Dichlorophenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2,4-Dimethylphenol	220		180	UG/KG	8270	09/12/2008 16:04	MD
2,4-Dinitrophenol	ND		350	UG/KG	8270	09/12/2008 16:04	MD
2,4-Dinitrotoluene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2,6-Dinitrotoluene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2-Chloronaphthalene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2-Chlorophenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2-Methylnaphthalene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2-Methylphenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
2-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 16:04	MD
2-Nitrophenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	09/12/2008 16:04	MD
3-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 16:04	MD
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	09/12/2008 16:04	MD
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	09/12/2008 16:04	MD
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	09/12/2008 16:04	MD
4-Chloroaniline	ND		180	UG/KG	8270	09/12/2008 16:04	MD
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	09/12/2008 16:04	MD
4-Methylphenol	460		180	UG/KG	8270	09/12/2008 16:04	MD
4-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 16:04	MD
4-Nitrophenol	ND		350	UG/KG	8270	09/12/2008 16:04	MD
Acenaphthene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Acenaphthylene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Acetophenone	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Anthracene	7	J	180	UG/KG	8270	09/12/2008 16:04	MD
Atrazine	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzaldehyde	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzo(a)anthracene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzo(a)pyrene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzo(b)fluoranthene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzo(ghi)perylene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Benzo(k)fluoranthene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Biphenyl	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Bis(2-ethylhexyl) phthalate	73	J	180	UG/KG	8270	09/12/2008 16:04	MD
Butyl benzyl phthalate	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Caprolactam	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Carbazole	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Chrysene	27	J	180	UG/KG	8270	09/12/2008 16:04	MD
Di-n-butyl phthalate	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Di-n-octyl phthalate	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Dibenzofuran	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Diethyl phthalate	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Dimethyl phthalate	ND		180	UG/KG	8270	09/12/2008 16:04	MD

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303
Date Collected: 09/09/2008
Time Collected: 13:15

Date Received: 09/09/2008
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	9	J	180	UG/KG	8270	09/12/2008 16:04	MD
Fluorene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Hexachlorobenzene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Hexachlorobutadiene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Hexachloroethane	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Indeno(1,2,3-cd)pyrene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Isophorone	ND		180	UG/KG	8270	09/12/2008 16:04	MD
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	09/12/2008 16:04	MD
N-nitrosodiphenylamine	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Naphthalene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Nitrobenzene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
Pentachlorophenol	ND		350	UG/KG	8270	09/12/2008 16:04	MD
Phenanthrene	12	J	180	UG/KG	8270	09/12/2008 16:04	MD
Phenol	1200		180	UG/KG	8270	09/12/2008 16:04	MD
Pyrene	ND		180	UG/KG	8270	09/12/2008 16:04	MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES							
4,4'-DDD	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
4,4'-DDE	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
4,4'-DDT	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Aldrin	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
alpha-BHC	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
beta-BHC	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Chlordane	ND		1800	UG/KG	8081	09/26/2008 19:46	TCH
delta-BHC	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Dieldrin	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endosulfan I	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endosulfan II	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endosulfan Sulfate	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endrin	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endrin aldehyde	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Endrin ketone	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
gamma-BHC (Lindane)	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Heptachlor	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Heptachlor epoxide	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Methoxychlor	ND		180	UG/KG	8081	09/26/2008 19:46	TCH
Toxaphene	ND		1800	UG/KG	8081	09/26/2008 19:46	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1221	ND		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1232	ND		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1242	ND		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1248	270		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1254	ND		37	UG/KG	8082	09/12/2008 20:06	DW
Aroclor 1260	ND		37	UG/KG	8082	09/12/2008 20:06	DW

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303
Date Collected: 09/09/2008
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Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Aluminum - Total	7590		10	MG/KG	6010	09/12/2008 01:33	AH
Antimony - Total	ND		15.1	MG/KG	6010	09/12/2008 01:33	AH
Arsenic - Total	5.6		2.0	MG/KG	6010	09/12/2008 01:33	AH
Barium - Total	258		0.50	MG/KG	6010	09/12/2008 01:33	AH
Beryllium - Total	0.28		0.20	MG/KG	6010	09/12/2008 01:33	AH
Cadmium - Total	ND		0.20	MG/KG	6010	09/12/2008 16:27	AH
Calcium - Total	2280		50.3	MG/KG	6010	09/12/2008 01:33	AH
Chromium - Total	9.2		0.50	MG/KG	6010	09/12/2008 01:33	AH
Cobalt - Total	5.4		0.50	MG/KG	6010	09/12/2008 01:33	AH
Copper - Total	16.8		1.0	MG/KG	6010	09/12/2008 01:33	AH
Iron - Total	17900		10	MG/KG	6010	09/12/2008 01:33	AH
Lead - Total	7.8		1.0	MG/KG	6010	09/12/2008 01:33	AH
Magnesium - Total	2440		20.1	MG/KG	6010	09/12/2008 01:33	AH
Manganese - Total	1110		0.20	MG/KG	6010	09/12/2008 01:33	AH
Mercury - Total	0.031		0.023	MG/KG	7471	09/11/2008 13:34	MM
Nickel - Total	13.9		0.50	MG/KG	6010	09/12/2008 01:33	AH
Potassium - Total	732		30.2	MG/KG	6010	09/12/2008 01:33	AH
Selenium - Total	ND		4.0	MG/KG	6010	09/12/2008 01:33	AH
Silver - Total	ND		0.50	MG/KG	6010	09/12/2008 01:33	AH
Sodium - Total	154		141	MG/KG	6010	09/12/2008 01:33	AH
Thallium - Total	ND		6.0	MG/KG	6010	09/12/2008 01:33	AH
Vanadium - Total	9.5		0.50	MG/KG	6010	09/12/2008 01:33	AH
Zinc - Total	48.8		2.0	MG/KG	6010	09/12/2008 01:33	AH
Wet Chemistry Analysis							
Cyanide - Total	ND		0.85	MG/KG	9012	09/22/2008 09:35	LRM

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303RI
Date Collected: 09/09/2008
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Date Received: 09/09/2008
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		3600	UG/KG	8270	09/18/2008 13:59	MD
2,4,5-Trichlorophenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2,4,6-Trichlorophenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2,4-Dichlorophenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2,4-Dimethylphenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2,4-Dinitrophenol	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
2,4-Dinitrotoluene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2,6-Dinitrotoluene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2-Chloronaphthalene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2-Chlorophenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2-Methylnaphthalene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2-Methylphenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
2-Nitroaniline	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
2-Nitrophenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
3,3'-Dichlorobenzidine	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
3-Nitroaniline	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
4,6-Dinitro-2-methylphenol	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
4-Bromophenyl phenyl ether	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
4-Chloro-3-methylphenol	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
4-Chloroaniline	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
4-Chlorophenyl phenyl ether	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
4-Methylphenol	410	J	3600	UG/KG	8270	09/18/2008 13:59	MD
4-Nitroaniline	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
4-Nitrophenol	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
Acenaphthene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Acenaphthylene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Acetophenone	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Anthracene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Atrazine	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzaldehyde	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzo(a)anthracene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzo(a)pyrene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzo(b)fluoranthene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzo(ghi)perylene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Benzo(k)fluoranthene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Biphenyl	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Bis(2-chloroethoxy) methane	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Bis(2-chloroethyl) ether	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Bis(2-ethylhexyl) phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Butyl benzyl phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Caprolactam	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Carbazole	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Chrysene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Di-n-butyl phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Di-n-octyl phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Dibenzo(a,h)anthracene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Dibenzofuran	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Diethyl phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Dimethyl phthalate	ND		3600	UG/KG	8270	09/18/2008 13:59	MD

Sample ID: LARGE SUMP SOUTHEAST
Lab Sample ID: A8A97303RI
Date Collected: 09/09/2008
Time Collected: 13:15

Date Received: 09/09/2008
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	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Fluorene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Hexachlorobenzene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Hexachlorobutadiene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Hexachlorocyclopentadiene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Hexachloroethane	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Indeno(1,2,3-cd)pyrene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Isophorone	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
N-Nitroso-Di-n-propylamine	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
N-nitrosodiphenylamine	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Naphthalene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Nitrobenzene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Pentachlorophenol	ND		7100	UG/KG	8270	09/18/2008 13:59	MD
Phenanthrene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD
Phenol	1400	J	3600	UG/KG	8270	09/18/2008 13:59	MD
Pyrene	ND		3600	UG/KG	8270	09/18/2008 13:59	MD

Sample ID: NORTH SUMP EXCAV.
Lab Sample ID: A8A97302
Date Collected: 09/09/2008
Time Collected: 12:40

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,1,2-Trichloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,1-Dichloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,1-Dichloroethene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2-Dibromoethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2-Dichlorobenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2-Dichloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,2-Dichloropropane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,3-Dichlorobenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
1,4-Dichlorobenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
2-Butanone	ND		31	UG/KG	8260	09/11/2008 20:23	LH
2-Hexanone	ND		31	UG/KG	8260	09/11/2008 20:23	LH
4-Methyl-2-pentanone	ND		31	UG/KG	8260	09/11/2008 20:23	LH
Acetone	ND		31	UG/KG	8260	09/11/2008 20:23	LH
Benzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Bromodichloromethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Bromoform	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Bromomethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Carbon Disulfide	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Carbon Tetrachloride	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Chlorobenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Chloroethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Chloroform	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Chloromethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Cyclohexane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Dibromochloromethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Dichlorodifluoromethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Ethylbenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Isopropylbenzene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Methyl acetate	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Methylcyclohexane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Methylene chloride	12	B	6	UG/KG	8260	09/11/2008 20:23	LH
Styrene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Tetrachloroethene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Toluene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Total Xylenes	ND		19	UG/KG	8260	09/11/2008 20:23	LH
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Trichloroethene	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Trichlorofluoromethane	ND		6	UG/KG	8260	09/11/2008 20:23	LH
Vinyl chloride	ND		12	UG/KG	8260	09/11/2008 20:23	LH

Sample ID: NORTH SUMP EXCAV.
Lab Sample ID: A8A97302
Date Collected: 09/09/2008
Time Collected: 12:40

Date Received: 09/09/2008
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		2000	UG/KG	8270	09/12/2008 15:41	MD
2,4,5-Trichlorophenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2,4,6-Trichlorophenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2,4-Dichlorophenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2,4-Dimethylphenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2,4-Dinitrophenol	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
2,4-Dinitrotoluene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2,6-Dinitrotoluene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2-Chloronaphthalene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2-Chlorophenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2-Methylnaphthalene	320	J	2000	UG/KG	8270	09/12/2008 15:41	MD
2-Methylphenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
2-Nitroaniline	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
2-Nitrophenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
3,3'-Dichlorobenzidine	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
3-Nitroaniline	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
4,6-Dinitro-2-methylphenol	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
4-Bromophenyl phenyl ether	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
4-Chloro-3-methylphenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
4-Chloroaniline	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
4-Methylphenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
4-Nitroaniline	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
4-Nitrophenol	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
Acenaphthene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Acenaphthylene	97	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Acetophenone	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Anthracene	190	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Atrazine	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Benzaldehyde	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Benzo(a)anthracene	800	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Benzo(a)pyrene	620	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Benzo(b)fluoranthene	740	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Benzo(ghi)perylene	400	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Benzo(k)fluoranthene	320	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Biphenyl	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Bis(2-chloroethyl) ether	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Bis(2-ethylhexyl) phthalate	720	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Butyl benzyl phthalate	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Caprolactam	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Carbazole	96	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Chrysene	670	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Di-n-butyl phthalate	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Di-n-octyl phthalate	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Dibenzo(a,h)anthracene	120	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Dibenzofuran	140	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Diethyl phthalate	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Dimethyl phthalate	ND		2000	UG/KG	8270	09/12/2008 15:41	MD

Sample ID: NORTH SUMP EXCAV.
Lab Sample ID: A8A97302
Date Collected: 09/09/2008
Time Collected: 12:40

Date Received: 09/09/2008
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	1500	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Fluorene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Hexachlorobenzene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Hexachlorobutadiene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Hexachlorocyclopentadiene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Hexachloroethane	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Indeno(1,2,3-cd)pyrene	360	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Isophorone	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
N-Nitroso-Di-n-propylamine	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
N-nitrosodiphenylamine	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Naphthalene	260	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Nitrobenzene	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Pentachlorophenol	ND		3900	UG/KG	8270	09/12/2008 15:41	MD
Phenanthrene	1000	J	2000	UG/KG	8270	09/12/2008 15:41	MD
Phenol	ND		2000	UG/KG	8270	09/12/2008 15:41	MD
Pyrene	1100	J	2000	UG/KG	8270	09/12/2008 15:41	MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES							
4,4'-DDD	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
4,4'-DDE	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
4,4'-DDT	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Aldrin	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
alpha-BHC	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
beta-BHC	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Chlordane	ND		1000	UG/KG	8081	09/26/2008 19:10	TCH
delta-BHC	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Dieldrin	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endosulfan I	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endosulfan II	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endosulfan Sulfate	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endrin	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endrin aldehyde	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Endrin ketone	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
gamma-BHC (Lindane)	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Heptachlor	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Heptachlor epoxide	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Methoxychlor	ND		100	UG/KG	8081	09/26/2008 19:10	TCH
Toxaphene	ND		1000	UG/KG	8081	09/26/2008 19:10	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1221	ND		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1232	ND		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1242	ND		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1248	ND		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1254	37		20	UG/KG	8082	09/12/2008 19:46	DW
Aroclor 1260	ND		20	UG/KG	8082	09/12/2008 19:46	DW

Sample ID: NORTH SUMP EXCAV.
Lab Sample ID: A8A97302
Date Collected: 09/09/2008
Time Collected: 12:40

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Aluminum - Total	7820		12.5	MG/KG	6010	09/12/2008 01:28	AH
Antimony - Total	ND		18.7	MG/KG	6010	09/12/2008 01:28	AH
Arsenic - Total	8.9		2.5	MG/KG	6010	09/12/2008 01:28	AH
Barium - Total	116		0.62	MG/KG	6010	09/12/2008 01:28	AH
Beryllium - Total	0.50		0.25	MG/KG	6010	09/12/2008 01:28	AH
Cadmium - Total	0.64		0.25	MG/KG	6010	09/12/2008 16:21	AH
Calcium - Total	55400		62.3	MG/KG	6010	09/12/2008 01:28	AH
Chromium - Total	48.7		0.62	MG/KG	6010	09/12/2008 01:28	AH
Cobalt - Total	5.5		0.62	MG/KG	6010	09/12/2008 01:28	AH
Copper - Total	105		1.2	MG/KG	6010	09/12/2008 01:28	AH
Iron - Total	31800		12.5	MG/KG	6010	09/12/2008 01:28	AH
Lead - Total	143		1.2	MG/KG	6010	09/12/2008 01:28	AH
Magnesium - Total	4080		24.9	MG/KG	6010	09/12/2008 01:28	AH
Manganese - Total	1150		0.25	MG/KG	6010	09/12/2008 01:28	AH
Mercury - Total	0.075		0.025	MG/KG	7471	09/11/2008 13:32	MM
Nickel - Total	28.9		0.62	MG/KG	6010	09/12/2008 01:28	AH
Potassium - Total	783		37.4	MG/KG	6010	09/12/2008 01:28	AH
Selenium - Total	ND		5.0	MG/KG	6010	09/12/2008 01:28	AH
Silver - Total	ND		0.62	MG/KG	6010	09/12/2008 01:28	AH
Sodium - Total	ND		174	MG/KG	6010	09/12/2008 01:28	AH
Thallium - Total	ND		7.5	MG/KG	6010	09/12/2008 01:28	AH
Vanadium - Total	25.4		0.62	MG/KG	6010	09/12/2008 01:28	AH
Zinc - Total	350		2.5	MG/KG	6010	09/12/2008 01:28	AH
Wet Chemistry Analysis							
Cyanide - Total	ND		1.1	MG/KG	9012	09/22/2008 09:35	LRM

Sample ID: SEPTIC TANK EXCAV.
Lab Sample ID: A8A97301
Date Collected: 09/09/2008
Time Collected: 12:50

Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,1,2-Trichloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,1-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,1-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2-Dibromoethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2-Dichloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,2-Dichloropropane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,3-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
1,4-Dichlorobenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
2-Butanone	ND		27	UG/KG	8260	09/11/2008 19:57	LH
2-Hexanone	ND		27	UG/KG	8260	09/11/2008 19:57	LH
4-Methyl-2-pentanone	ND		27	UG/KG	8260	09/11/2008 19:57	LH
Acetone	ND		27	UG/KG	8260	09/11/2008 19:57	LH
Benzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Bromodichloromethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Bromoform	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Bromomethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Carbon Disulfide	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Carbon Tetrachloride	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Chlorobenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Chloroethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Chloroform	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Chloromethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Cyclohexane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Dibromochloromethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Dichlorodifluoromethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Ethylbenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Isopropylbenzene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Methyl acetate	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Methylcyclohexane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Methylene chloride	8	B	5	UG/KG	8260	09/11/2008 19:57	LH
Styrene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Tetrachloroethene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Toluene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Total Xylenes	ND		16	UG/KG	8260	09/11/2008 19:57	LH
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Trichloroethene	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Trichlorofluoromethane	ND		5	UG/KG	8260	09/11/2008 19:57	LH
Vinyl chloride	ND		11	UG/KG	8260	09/11/2008 19:57	LH

Sample ID: SEPTIC TANK EXCAV.
Lab Sample ID: A8A97301
Date Collected: 09/09/2008
Time Collected: 12:50

Date Received: 09/09/2008
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		180	UG/KG	8270	09/12/2008 15:18	MD
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2,4-Dichlorophenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2,4-Dimethylphenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2,4-Dinitrophenol	ND		350	UG/KG	8270	09/12/2008 15:18	MD
2,4-Dinitrotoluene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2,6-Dinitrotoluene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2-Chloronaphthalene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2-Chlorophenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2-Methylnaphthalene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2-Methylphenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
2-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 15:18	MD
2-Nitrophenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	09/12/2008 15:18	MD
3-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 15:18	MD
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	09/12/2008 15:18	MD
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	09/12/2008 15:18	MD
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
4-Chloroaniline	ND		180	UG/KG	8270	09/12/2008 15:18	MD
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	09/12/2008 15:18	MD
4-Methylphenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
4-Nitroaniline	ND		350	UG/KG	8270	09/12/2008 15:18	MD
4-Nitrophenol	ND		350	UG/KG	8270	09/12/2008 15:18	MD
Acenaphthene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Acenaphthylene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Acetophenone	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Anthracene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Atrazine	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzaldehyde	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzo(a)anthracene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzo(a)pyrene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzo(b)fluoranthene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzo(ghi)perylene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Benzo(k)fluoranthene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Biphenyl	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Bis(2-ethylhexyl) phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Butyl benzyl phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Caprolactam	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Carbazole	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Chrysene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Di-n-butyl phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Di-n-octyl phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Dibenzofuran	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Diethyl phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Dimethyl phthalate	ND		180	UG/KG	8270	09/12/2008 15:18	MD

Sample ID: SEPTIC TANK EXCAV.
Lab Sample ID: A8A97301
Date Collected: 09/09/2008
Time Collected: 12:50

Date Received: 09/09/2008
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	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Fluorene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Hexachlorobenzene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Hexachlorobutadiene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Hexachloroethane	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Indeno(1,2,3-cd)pyrene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Isophorone	ND		180	UG/KG	8270	09/12/2008 15:18	MD
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	09/12/2008 15:18	MD
N-nitrosodiphenylamine	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Naphthalene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Nitrobenzene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Pentachlorophenol	ND		350	UG/KG	8270	09/12/2008 15:18	MD
Phenanthrene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Phenol	ND		180	UG/KG	8270	09/12/2008 15:18	MD
Pyrene	ND		180	UG/KG	8270	09/12/2008 15:18	MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES							
4,4'-DDD	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
4,4'-DDE	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
4,4'-DDT	0.96	J	1.8	UG/KG	8081	09/26/2008 15:32	TCH
Aldrin	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
alpha-BHC	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
beta-BHC	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Chlordane	ND		18	UG/KG	8081	09/26/2008 15:32	TCH
delta-BHC	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Dieldrin	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endosulfan I	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endosulfan II	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endosulfan Sulfate	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endrin	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endrin aldehyde	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Endrin ketone	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
gamma-BHC (Lindane)	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Heptachlor	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Heptachlor epoxide	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Methoxychlor	ND		1.8	UG/KG	8081	09/26/2008 15:32	TCH
Toxaphene	ND		18	UG/KG	8081	09/26/2008 15:32	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1221	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1232	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1242	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1248	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1254	ND		89	UG/KG	8082	09/12/2008 19:27	DW
Aroclor 1260	ND		89	UG/KG	8082	09/12/2008 19:27	DW

Sample ID: SEPTIC TANK EXCAV.
Lab Sample ID: A8A97301
Date Collected: 09/09/2008
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Date Received: 09/09/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Aluminum - Total	5880		10.7	MG/KG	6010	09/12/2008 01:22	AH
Antimony - Total	ND		16.0	MG/KG	6010	09/12/2008 01:22	AH
Arsenic - Total	20.7		2.1	MG/KG	6010	09/12/2008 01:22	AH
Barium - Total	205		0.54	MG/KG	6010	09/12/2008 01:22	AH
Beryllium - Total	0.28		0.21	MG/KG	6010	09/12/2008 01:22	AH
Cadmium - Total	ND		0.21	MG/KG	6010	09/12/2008 16:16	AH
Calcium - Total	1230		53.5	MG/KG	6010	09/12/2008 01:22	AH
Chromium - Total	8.4		0.54	MG/KG	6010	09/12/2008 01:22	AH
Cobalt - Total	4.7		0.54	MG/KG	6010	09/12/2008 01:22	AH
Copper - Total	15.8		1.1	MG/KG	6010	09/12/2008 01:22	AH
Iron - Total	14700		10.7	MG/KG	6010	09/12/2008 01:22	AH
Lead - Total	9.2		1.1	MG/KG	6010	09/12/2008 01:22	AH
Magnesium - Total	1780		21.4	MG/KG	6010	09/12/2008 01:22	AH
Manganese - Total	735		0.21	MG/KG	6010	09/12/2008 01:22	AH
Mercury - Total	ND		0.021	MG/KG	7471	09/11/2008 13:28	MM
Nickel - Total	11.2		0.54	MG/KG	6010	09/12/2008 01:22	AH
Potassium - Total	764		32.1	MG/KG	6010	09/12/2008 01:22	AH
Selenium - Total	ND		4.3	MG/KG	6010	09/12/2008 01:22	AH
Silver - Total	ND		0.54	MG/KG	6010	09/12/2008 01:22	AH
Sodium - Total	ND		150	MG/KG	6010	09/12/2008 01:22	AH
Thallium - Total	ND		6.4	MG/KG	6010	09/12/2008 01:22	AH
Vanadium - Total	8.9		0.54	MG/KG	6010	09/12/2008 01:22	AH
Zinc - Total	36.4		2.1	MG/KG	6010	09/12/2008 01:22	AH
Wet Chemistry Analysis							
Cyanide - Total	ND		0.96	MG/KG	9012	09/22/2008 09:35	LRM

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC	Eugene Melnyk	9/9/08	111211
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page _____ of _____**
270 Michigan Ave	(716) 851 7220 / 851 7226		
City Buffalo	**State** NY	**Zip Code**	**Site Contact**	**Lab Contact**
Project Name and Location (State) Randolph Foundry (NY)	**Carrier/Waybill Number**	
Contract/Purchase Order/Quote No.		

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: VOA	SVOA	PCB	TCL Pesticides	CN	Metals TR
Septic Tank excavation	9/9/08	12:50 PM				X	X						X	X		X	X	X
North Sump excavation	9/9/08	12:40 PM				X	X						X	X		X	X	X
Large Sump South East (LSSE)		1:15 PM				X	X						X	X		X	X	X
Large Sump North West (LSNW)		1:25 PM				X	X						X	X		X	X	X

Special Instructions/ Conditions of Receipt

PAR DEC CONTRACT
STD 30 DAY
TURN AROUND
↓

Possible Hazard Identification
☐ 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 STD 30 DAY

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Kevin Glaser	9/9/08	1:45 PM	1. Received By: Eugene Melnyk	9/9/08	1:45 pm
2. Relinquished By: Eugene Melnyk	9/9/08	4:46 PM	2. Received By:	9/9/08	1646
3. Relinquished By:			3. Received By:		

Comments

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

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APPENDIX C

PHOTOGRAPHS

Photograph 1. Stratigraphy of RF-TP-01

Photograph 2. Stratigraphy of RF-TP-02

Photograph 3. Material excavated from RF-TP-03

Photograph 4. Eastern portion of RF-TP-05, facing east

Photograph 5. Stratigraphy of RF-TP-05, facing northwest

Photograph 6. Stratigraphy of RF-TP-06, facing northwest

Photograph 7. Stratigraphy of RF-TP-07, facing west

Photograph 8. Stratigraphy of the east portion of RF-TP-07

Photograph 9. Material excavated from RF-TP-07, facing east

Photograph 10. Stratigraphy of RF-TP-08, facing west

Photograph 11. Stratigraphy of RF-TP-09, facing south

Photograph 12. Stratigraphy of RF-TP-10