131 BERRY STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC OER Site Number: 13CVCP112K

Prepared for:

TIBETAN LLC

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February 2013

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Matthew Boeckel, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 131 Berry Street Site, (NYC OER Site Nos. 13CVCP112K and 12EHAZ318K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Matthew Boeckel February 8, 2013

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 125-137 Berry Street in the Williamsburg section in Brooklyn, New York and is identified as Block 2327 and Lot 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 8,500-square feet and is bounded by North 7th Street to the north, a commercial building to the south, residential apartment buildings to the east, and Berry Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains one (1) one-story building which measures 2,460 square feet the remainder of the property is undeveloped.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a restaurant with seasonal exterior areas for dining. The current building rests on a poured concrete slab foundation. As part of the redevelopment the interior slab is going to be removed and approximately 15,440 cubic feet (ft^3) of soil from below the current slab will be removed. The proposed final depth of the basement area is eight (8) feet bgs. The exterior surface will be excavated to a depth of fourteen (14) to sixteen (16) inches below grade and subsequently backfilled and completed with asphalt, paving stones or gravel. Approximately 9,060 ft^3 of soil will be removed from the exterior areas. The proposed exterior subsurface grading is depicted on Figure 3. The proposed exterior surface areas are depicted on Figure 4. Layout of the proposed site development is presented in Figure 5. The current zoning designation is R6B-General Residence District. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

The Site was originally developed sometime prior to 1887 with five (5) residential dwellings and one (1) store building. By 1951 the Site was improved with only three (3) residential dwellings and the one (1) store building. By 1965 the site was developed for use as a gasoline

"filling station" and remained as such until approximately 2000 when the underground storage tanks (USTs) were removed. The site has remained mostly unoccupied since that time. The AOCs identified for this site include: Interior of the subject building based upon former underground hydraulic lifts as well as repair bays and exterior property areas due to former gasoline underground storage tanks, dispenser pumps and associated piping.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed nine (9) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed three (3) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 35 feet above mean sea level.
2. Depth to groundwater ranges from 26.40 to 29.71 feet at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Depth to bedrock varies from approximately 15 to 30 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of 15 feet of brown medium to fine sands with some clay and cobbles.
6. VOCs were not detected above Unrestricted Use SCOs in any of the soil samples collected. Tetrachloroethene (PCE), Trichloroethene (TCE), and TCA were not detected in any soil sample. Several SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene were detected above Track 1 Unrestricted Use SCOs in one

shallow soil sampling location. Of these, benzo(a)anthracene, benzo(a)pyrene and dibenzo(a,h)anthracene also exceeded Track 2 Restricted Use Commercial SCOs. Total concentrations of these SVOCs ranged from 687 ppb to 5,870 ppb. Two pesticides, 4,4'-DDE and 4,4'-DDT were detected above their respective Unrestricted Use SCO values in two shallow soil samples, but were below Track 2 Restricted Use Commercial SCOs. Metals including lead (485 ppm), mercury (0.71 ppm), nickel (54 ppm) and zinc (156 ppm) were detected at concentrations above Track 1 Unrestricted Use SCOs in shallow borings. Deeper soil samples were all below Track 1 Unrestricted Use SCOs for all contaminants.

7. Groundwater samples collected during the RI showed that methylene chloride was detected in one groundwater sample at a concentration of 5.16 ppb, which is above its GQS of 5.0 ppb. One chlorinated VOC, tetrachloroethene (PCE) was detected at 6.88 ppb, above its GQS. TCE was detected at 2.99 ppb. TCA and carbon tetrachloride were not detected in any groundwater sample. SVOCs, pesticides and PCBs were not detected in any groundwater sample. Metals including iron, magnesium, manganese and sodium were detected above GWQS in all dissolved groundwater samples.

8. Several chlorinated and petroleum related VOCs were detected above the NYSDOH guidance values in all three soil vapor samples. Ethanol (855 ug/m^3), Hexane (54 ug/m^3), propylene (1960 ug/m^3) and toluene (43 ug/m^3) were detected in soil vapor. Chlorinated VOCs were detected above NYSDOH guidance values in all soil vapors and included Carbon disulphide (detected at a maximum value of 57 ug/m^3), PCE ranged from 106 ug/m^3 to 2,380 ug/m^3 and Trichloroethylene (TCE) ranged from 4 ug/m^3 to 98.3 ug/m^3. Vinyl Chloride was not detected in any sample.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Tibetan LLC has investigated a 0.19-acre site located at 125-137 Berry Street in Williamsburg section of Brooklyn, New York. Commercial use is proposed for the property. The RI work was performed between July 25, 2012 and August 9, 2012. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy

that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 125-137 Berry Street in the Williamsburg section in Brooklyn, New York and is identified as Block 2327 and Lot 5 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 8,500-square feet and is bounded by North 7th Street to the north, a commercial building to the south, residential apartment buildings to the east, and Berry Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains one (1) one-story building which measures 2,460 square feet the remainder of the property is undeveloped.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a restaurant with seasonal exterior areas for dining. The current building rests on a poured concrete slab foundation. As part of the redevelopment the interior slab is going to be removed and approximately 15,440 cubic feet (ft^3) of soil from below the current slab will be removed. The proposed final depth of the basement area is eight (8) feet bgs. The exterior surface will be excavated to a depth of eight (8) to sixteen (16) inches below grade and subsequently backfilled and completed with asphalt, paving stones or gravel. Approximately 6,825 ft^3 of soil will be removed from the exterior areas. The proposed exterior subsurface grading is depicted on Figure 3. The proposed exterior surface areas are depicted on Figure 4. Layout of the proposed site development is presented in Figure 5. The current zoning designation is R6B-General Residence District. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The adjacent properties to the north and east of the Site consist of mixed-use multiple story residential apartment buildings with commercial/retail space on the first floor. The adjacent properties located to the west of the site consist of multiple story residential apartment buildings. The adjacent properties to the south of the Site consist of a commercial building and multiple story residential apartment buildings. There are no sensitive receptors such as schools, hospitals, and day care facilities within a 250 to 500-foot radius. Figure 1 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The Site was originally developed sometime prior to 1887 with five (5) residential dwellings and one (1) store building. By 1951 the Site was improved with only three (3) residential dwellings and the one (1) store building. By 1965 the site was developed for use as a gasoline "filling station" and remained as such until approximately 2000 when the underground storage tanks (USTs) were removed. The site has remained mostly unoccupied since that time.

2.2 Previous Investigations

A Subsurface Investigation was performed at the Site on April 30, 2003 by Hydro Tech Environmental Corp. (HTEC) in order to assess the area of the former USTs. The site formerly utilized six (6) USTs which were located along the center-west side of the subject building. The investigation reportedly entailed the installation of soil borings in the area of the former USTs. Based upon the findings it was determined that there were elevated levels of gasoline related contaminants present in the subsurface soil. The New York State Department of Environmental Conservation (NYSDEC) was notified and spill number 04-03650 was assigned to the site.

A Groundwater Assessment was performed by HTEC on July 11, 2005. The assessment entailed the installation of three (3) groundwater monitoring wells designated as MW-1 through MW-3. It was noted that refusal was encountered several times while attempting to install a fourth monitoring well. Groundwater samples were collected from the three (3) wells and submitted for analysis of volatile organic compounds (VOCs) utilizing EPA Method 8260 plus MTBE. The analytical data indicated that there were no contaminants detected above the respective laboratory analytical method detection limit (MDL), with the exception of toluene which was detected at a concentration of 2.24 ug/L in the sample from MW-1.

A Remedial Action was conducted by HTEC on June 29-30, 2006 and July 3-6, 2006. The scope of work entailed performing a Geophysical Investigation and the removal of petroleum impacted soil in the area of the former USTs. The Geophysical Investigation did not reveal the presence of any USTs. Based upon previous data HTEC determined that the upper layer of contaminated soil was located approximately five (5) feet below ground surface (bgs)

and extended to a maximum depth of twenty (20) feet bgs. The first five (5) feet of soil encountered was set aside during the excavation activities to be utilized as clean backfill. The excavated area measured approximately thirty (30) feet long by twenty (20) feet wide and approximately fifteen (15) to twenty (20) feet deep. A total of 202.23 tons of impacted soil was removed from the site and transported to Soil Safe, Inc. located in Logan Township, New Jersey. Waste manifests were provided for the removed soil. A total of five (5) endpoint soil samples were collected from the sidewalls and bottom of the excavation area. The endpoint soil samples were submitted for analysis of VOCs and semi-volatile organic compounds (SVOCs). The analytical data was compared to the Recommended Soil Cleanup Objectives (RSCOs) listed in the NYSDEC Technical Administrative Guidance Memorandum (TAGM) 4046 – Determination of Soil Cleanup Objectives and Levels. The data revealed that there were no VOCs or SVOCs detected above the respective cleanup objectives. The findings were submitted to the NYSDEC for review and based upon the report the NYSDEC closed spill number 04-03650 on July 24, 2006.

A Phase I Environmental Site Assessment (ESA) was conducted by HTEC on March 28, 2008. The report identified the following Recognized Environmental Conditions (RECs) which required further work:

- The site has a Little "E" restriction issued by the New York City Department of Buildings (NYCDOB) for "HAZMAT".
- There are three (3) underground hydraulic lifts present within the subject building. There was a concern that possible leaks/discharges of hydraulic oil may have impacted the subsurface.

A Hydraulic Lift Closure Report dated October 11, 2011 was prepared by Tyree. The scope of work entailed the removal of two (2) dual-piston lifts and one single-piston lift as well as two (2) hydraulic oil reservoir tanks. There was no visual or olfactory evidence of contamination noted during the removal activities. In addition the excavated soil was field screened for the presence of volatile organic vapors utilizing a photo-ionization detector (PID). There were no elevated PID field screening readings detected. Representative endpoint soil samples were collected from below the lift pistons and reservoir tanks. The analytical data was

compared to the Unrestricted Use Soil Cleanup Objectives (RSCOs) listed in the NYSDEC CP-51 Soil Cleanup Guidance Policy. The analytical data revealed that there were slightly elevated concentrations of VOCs and SVOCs detected in several of the endpoint samples. The NYSDEC was notified of the results and spill number 11-09224 was assigned to the site. A copy of the Hydraulic Lift Closure report was forwarded to the NYSDEC for review. The NYSDEC closed spill number 11-09224 on April 25, 2012.

2.3 Site Inspection

On June 6, 2012 Matthew Boeckel conducted a site inspection along with Mr. William Wong and Mr. Daniel Cole of the NYC OER. At this time the scope of work to be preformed for the RIR was determined.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Interior of the subject building based upon former underground hydraulic lifts as well as repair bays.
2. Exterior property areas due to former gasoline underground storage tanks, dispenser pumps and associated piping.

Phase 1 Report is presented in Appendix A. A map showing areas of concern is presented in Figure 6.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Matthew Boeckel.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. A copy of the Health and Safety Plan (HASP) is included in Appendix B.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Tyree Environmental Corp. on behalf of Tibetan LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed nine (9) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed three (3) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis.

4.1 Geophysical Investigation

A Remedial Action was conducted by HTEC on June 29-30, 2006 and July 3-6, 2006. The scope of work entailed performing a Geophysical Investigation and the removal of petroleum impacted soil in the area of the former USTs. The Geophysical Investigation did not reveal the presence of any USTs.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

The borings and monitoring wells were installed using a Geoprobe® 7728 drill rig. Soil samples were collected using the Geoprobe® macro-core system. The macro-core system utilizes a five (5) foot long disposable liner which is placed in the core barrel. As the core barrel is advanced into the subsurface the soil is stored in the liner. Upon retrieval of each core, the soil was classified using the Unified Soil Classification System (USCS). The exterior borings were completed to a depth of five (5) feet below grade. The interior borings were completed to a final depth of fifteen (15) feet below grade. A summary of the drilling data is provided in Table 1. Boring logs were prepared by a geologist and are attached in Appendix C. A map showing the location of soil borings and monitor wells is shown in Figure 7.

Groundwater Monitoring Well Construction

A total of three (3) groundwater monitoring wells were installed at the site designated as MW-1 through MW-3. Monitoring wells MW-1 and MW-2 were installed in the exterior undeveloped areas of the Site. Monitoring well MW-3 was installed in the interior of the building. Please note that fifteen (15) separate attempts were made to install MW-3 however due to the presence of bedrock at depths varying from fifteen (15) to twenty-seven (27) feet below grade well MW-3 had to be completed at a depth of 27 feet below grade. Groundwater was encountered at 26.40 feet below grade in well MW-3. Groundwater was encountered at approximately 29.42 to 29.71 below grade in the vicinity of monitoring wells MW-1 and MW-2. Monitoring wells MW-1 and MW-2 were installed to a total depth of forty (40) feet below grade. The wells were constructed with twenty-five (25) feet of two-inch diameter PVC casing and fifteen (15) feet of 0.020-inch slotted PVC screen. Upon installation of the monitoring wells the annular space was backfilled with gravel pack to approximately two (2) feet above the screen zone. A two (2) foot thick bentonite seal will then be placed in order to ensure no downward migration of possible overlying contaminants into the well. The remainder of the annular space will be backfilled with clean soil and finished at grade with a locking j-plug and protective cover. The wells were developed so as to ensure a good hydraulic connection. The purge water was run through a portable granular activated carbon (GAC) bucket before discharge to the ground surface. A nephilometric turbidity meter was utilized during the well development to measure suspended solids. The wells were developed until the nephilometric turbidity units (NTUs) were below 50. Please note that due to the limited amount of groundwater present in MW-3 the well could not be developed below 50 NTUs. Monitor well locations are shown in Figure 7.

Survey

The locations of the soil borings and monitoring wells were measured relative to a fixed location at the Site. The latitude and longitude for each boring location was noted. In addition, the boring locations are noted on a scaled site plan. The well casings elevations were surveyed relative to an onsite benchmark.

Water Level Measurement

A Solinst® oil/water interface meter was utilized to determine the depth to water in each of the wells. The depth to water ranged from 26.40 to 29.71 feet below grade. Based upon the

groundwater elevation data it was determined that groundwater flow is from east to west in the vicinity of the Site. Water level data is included in Table 2.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

A total of 6 shallow soil borings, designated as SSB-1 through SSB-6, were completed throughout the exterior areas of the Site. Soil samples were collected from ground surface to a depth of 2 feet below grade. A total of 3 multi-level soil borings, designated as MLB-1 through MLB-3, were installed in the interior of the subject building. Soil samples were collected from ground surface to a depth of 2 feet below grade and from 10 to12 feet below grade. The subsurface lithology was recorded in a boring log. The samples were placed in laboratory supplied glassware and stored in a cooler on ice. Twelve soil samples were collected for chemical analysis during this RI. Figure 7 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

The wells were developed so as to ensure a good hydraulic connection. The purge water was run through a portable granular activated carbon (GAC) bucket before discharge to the ground surface. A nephilometric turbidity meter was utilized during the well development to measure suspended solids. The wells were developed until the nephilometric turbidity units (NTUs) were below 50. As previously noted due to the limited amount of groundwater present in MW-3 the 50 NTU level could not be achieved. The groundwater monitoring well locations were marked on a scaled site plan and the latitude and longitude of each groundwater well was

noted. The wells were not sampled for a minimum of five (5) days upon completion of the development activities. Groundwater samples were collected from MW-1 and MW-2 utilizing a peristaltic pump. A bailer was utilized for sample collection from MW-3. The well sampling activities were performed in accordance with the requirements of the USEPA Low Flow sampling procedures. A total of 3 groundwater samples were collected for chemical analysis during this RI. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix D. Figure 7 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

A total of 3 soil vapor sampling points, designated as SVP-1 through SVP-3, were completed to a depth of twelve (12) feet bgs and constructed with two (2) feet of 0.020-inch slotted screen and ten (10) feet of solid PVC casing. Upon installation of the soil vapor sampling points the annular space was backfilled with gravel pack to approximately one (1) foot above the screen zone. A two (2) foot thick bentonite seal was then placed so as to ensure that ambient air from the surface cannot be drawn into the screened zone. The remainder of the annular space was backfilled with clean soil and finished at grade with a locking j-plug and cover. The soil vapor sampling point locations were marked on a scaled site plan and the latitude and longitude of each location was noted.

A helium tracer test was conducted at each vapor point prior to conducting the sampling to ensure that the vapor points are properly sealed and that no ambient air will get into the sample. The soil vapor samples were collected using 6-liter Summa® canisters. The regulators for the canisters were calibrated to a rate of approximately 0.05 liters/minute (L/min) and the collection time was 2 hours. The pressure readings on the regulator valve are measured in pounds per square inch (PSI) and were recorded before and after sample collection. The final pressure reading on the canisters was greater than zero. A total of 3 soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 7. Soil vapor sampling logs are included in Appendix D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Juan Cuba.
Chemical Analytical Laboratory	Chemical analytical laboratories used in the RI are NYS ELAP certified and were Environmental Quality Services NYSDOH ELAP #10969 and Accutest Laboratories NYSDOH ELAP #10983.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 5, 6 and 7, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices E, F and G.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The lithology was homogenous throughout the site based upon the findings of the RI. The subsurface consists mainly of brown medium to coarse sand with some clay and cobbles. Bedrock was encountered along the northeast side of the site at depths ranging from 15 to 30 feet below grade.

Hydrogeology

A table of water level data for all monitor wells is included in Table 2. The average depth to groundwater is 29 feet and the range in depth is 26.40 to 29.71 feet below grade. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 8. Groundwater flow is from east to west.

5.2 Soil Chemistry

VOCs were not detected above Unrestricted Use SCOs in any of the soil samples collected. Tetrachloroethene (PCE), Trichloroethene (TCE), and TCA were not detected in any soil sample. Several SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene were detected above Track 1 Unrestricted Use SCOs in one shallow soil sampling location. Of these, benzo(a)anthracene, benzo(a)pyrene and dibenzo(a,h)anthracene also exceeded track 2 Restricted Use Commercial SCOs. Total concentrations of these SVOCs ranged from 687 ppb to 5,870 ppb. Two pesticides, 4,4'-DDE (maximum of 161 ppb) and 4,4'-DDT (maximum of 272 ppb) were detected above their respective Track 1 Unrestricted Use SCO values in two shallow soil samples, but were below Track 2 Restricted Use Commercial SCOs. Metals including lead (485 ppm), mercury (0.71 ppm), nickel (54 ppm) and zinc (156 ppm) were detected at concentrations

above track 1 Unrestricted Use SCOs in shallow borings. None of these concentrations exceeded Track 2 Restricted Use Commercial SCOs. Deeper soil samples were all below Unrestricted Use SCOs for all contaminants.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 3 through Table 6. Figure 9 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Site Specific Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed that methylene chloride was detected in one groundwater sample at a concentration of 5.16 ppb, which is above its GQS of 5.0 ppb. One chlorinated VOC, tetrachloroethene (PCE) was detected at 6.88 ppb, above its GQS. TCE was detected at 2.99 ppb. TCA and carbon tetrachloride were not detected in any groundwater samples. SVOCs, pesticides and PCBs were not detected in any groundwater sample. Metals including iron, magnesium, manganese and sodium were detected above GWQS in all dissolved groundwater samples.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 7 through Table 10. Exceedence of applicable groundwater standards are shown. Figure 10 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Several chlorinated and petroleum related VOCs were detected above the NYSDOH guidance values in all three soil vapor samples. Ethanol (855 ug/m^3), Hexane (54 ug/m^3), propylene (1960 ug/m^3) and toluene (43 ug/m^3) were detected in soil vapor. Chlorinated VOCs were detected above NYSDOH guidance values in all soil vapors and included Carbon disulphide (detected at a maximum value of 57 ug/m^3), Tetrachloroethylene, (PCE) ranged from 106 ug/m^3 to 2,380 ug/m^3 and Trichloroethylene (TCE) ranged from 4 ug/m^3 to 98.3 ug/m^3. Vinyl Chloride was not detected in any sample.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11. Figure 11 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

FIGURES

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Figure 1 – Location Map	Project No. 12EHAZ318K
Commercial Property	Date: June 13, 2012
125-137 Berry Street	Client: Tibetan LLC
Brooklyn, New York	

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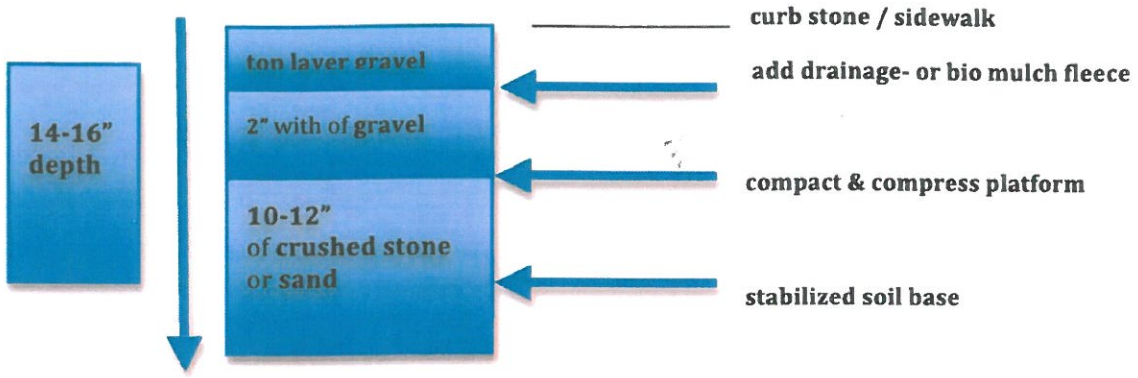
Farmingdale, New York 11735

Figure 2 – Site Boundary Map	Project No. 12EHAZ318K
Commercial Property	Date: August 13, 2012
125-137 Berry Street	Client: Tibetan LLC
Brooklyn, New York	

Gravel



Asphalt

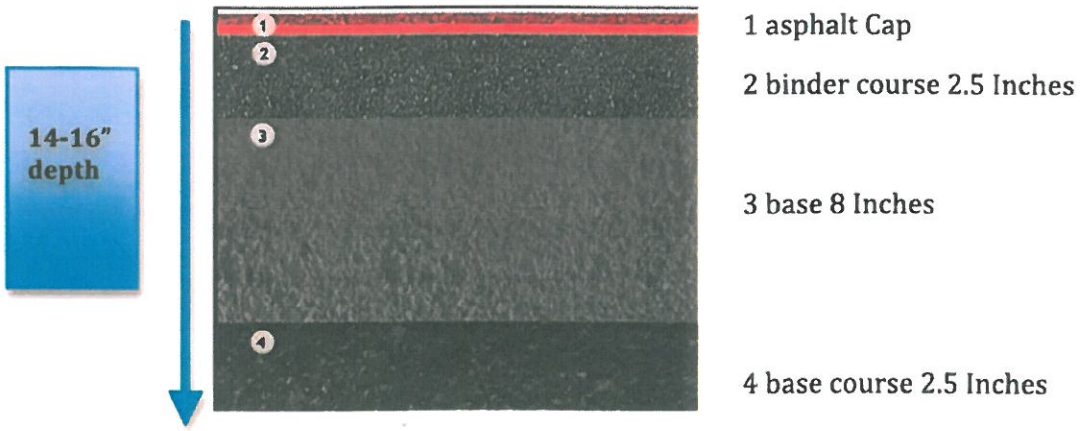


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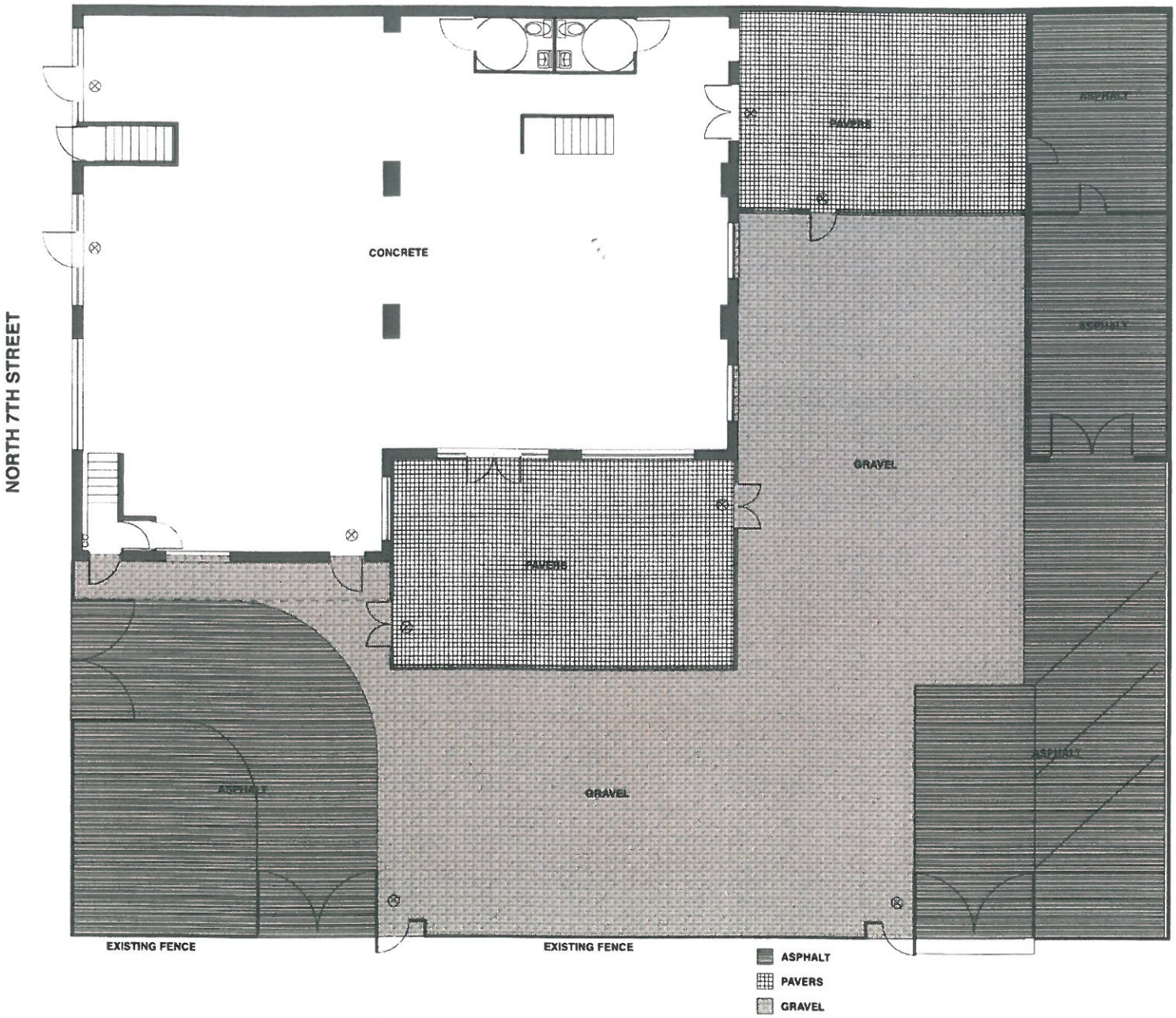
Figure 3 – Grading Diagram	Project No. 12EHAZ318K
Commercial Property 125-137 Berry Street Brooklyn, New York	Date: August 13, 2012 Client: Tibetan LLC



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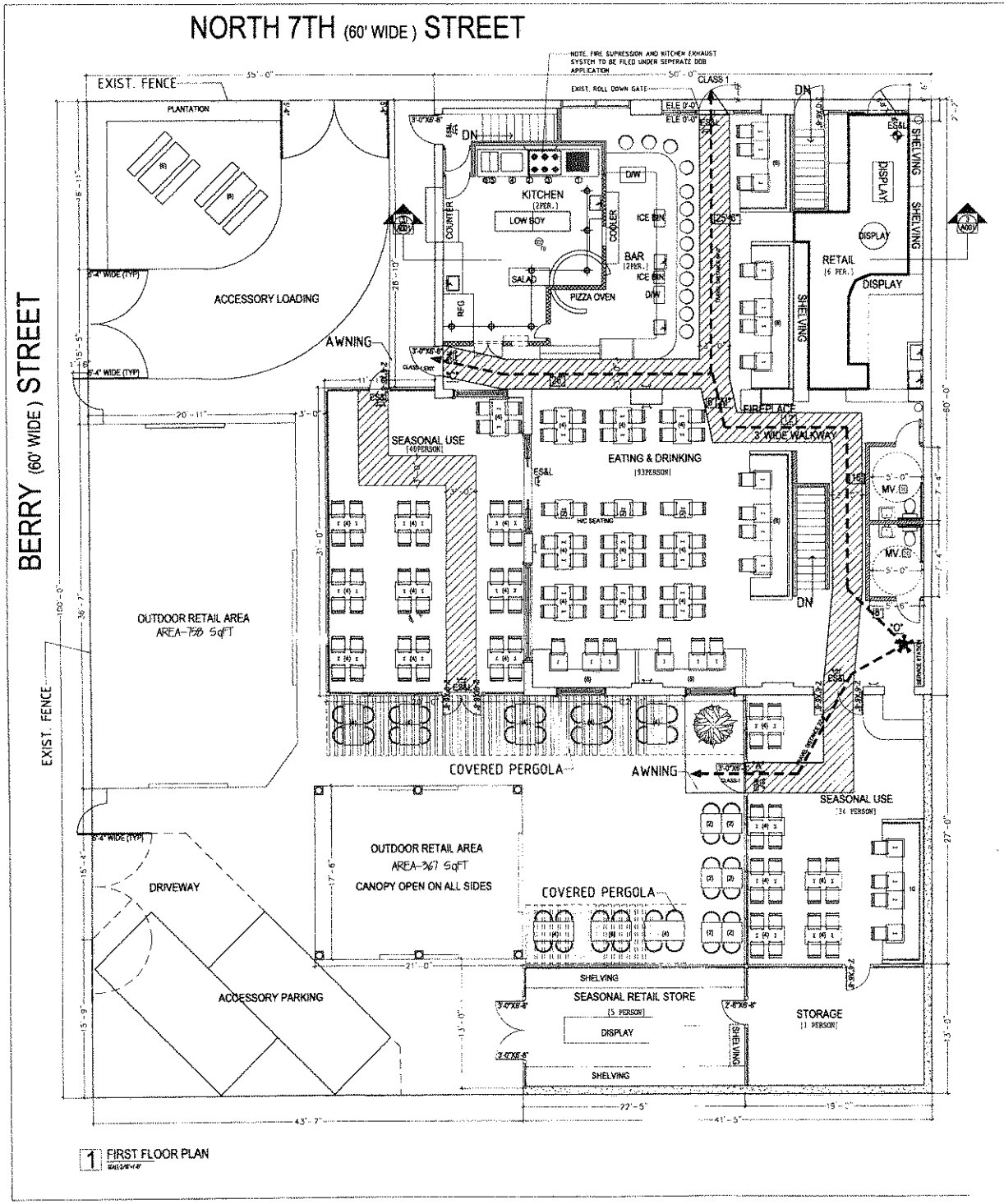
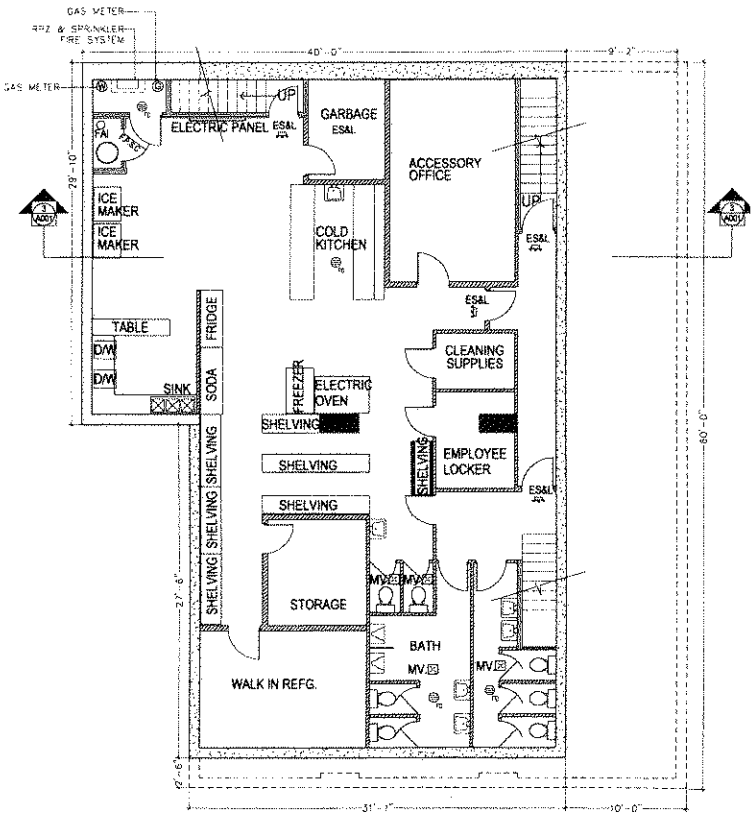
208 Route 109

Farmingdale, New York 11735

Figure 4 – Exterior Surface Plan	Project No. 12EHAZ318K
Commercial Property	Date: August 13, 2012
125-137 Berry Street	Client: Tibetan LLC
Brooklyn, New York	



1 FIRST FLOOR PLAN



1 CELLAR FLOOR PLAN

Tyree Environmental Corporation

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Farmingdale, New York 11735

Figure 5 – Site Development Plan	Project No. 12EHAZ318K
Commercial Property 125-137 Berry Street Brooklyn, New York	Date: August 13, 2012 Client: Tibetan LLC

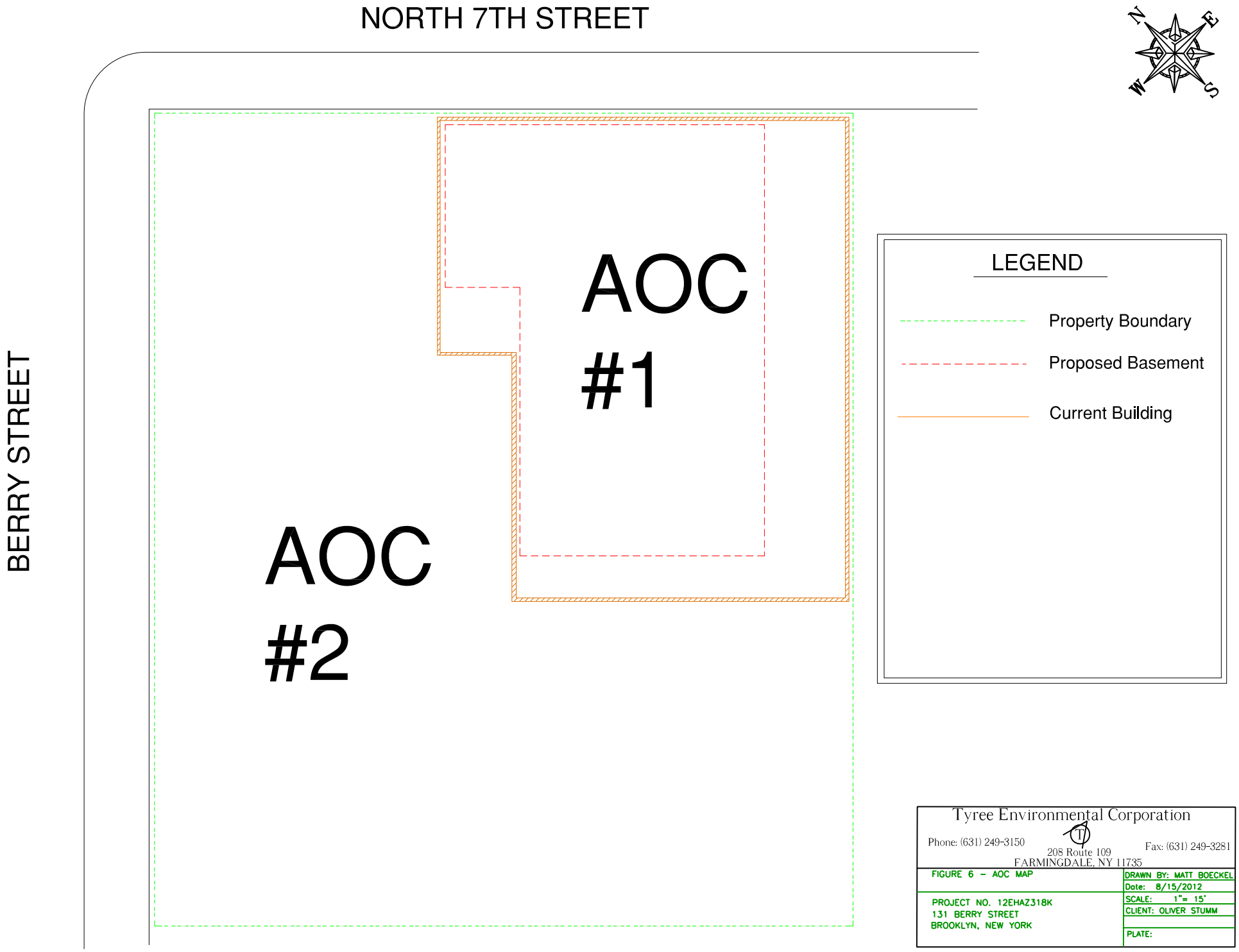

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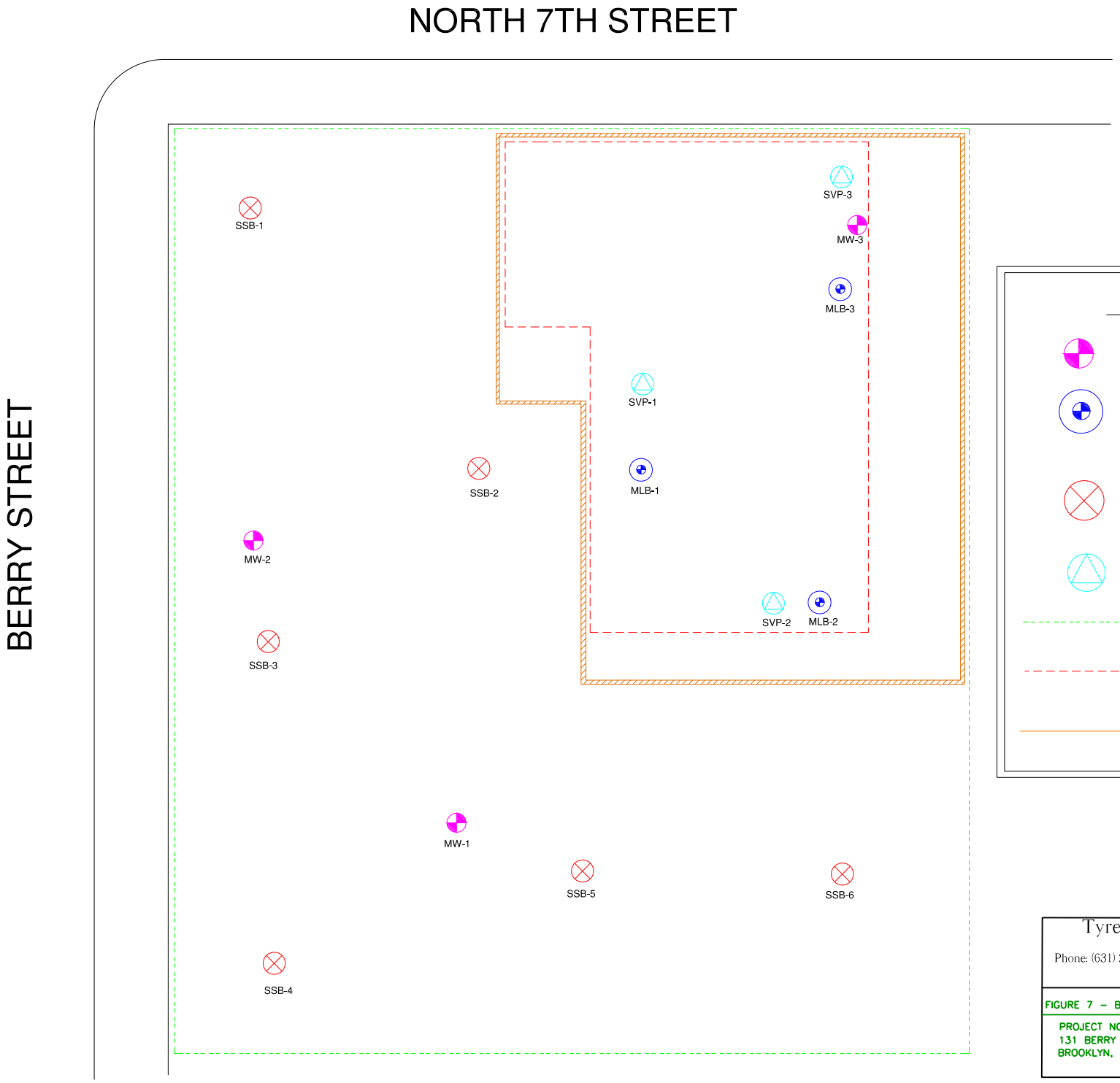
FIGURE 6 – AOC MAP	DRAWN BY: MATT BOECKEL
	Date: 8/15/2012
PROJECT NO. 12EHAZ318K	SCALE: 1"= 15'
131 BERRY STREET	CLIENT: OLIVER STUMM
BROOKLYN, NEW YORK	
	PLATE:



LEGEND

- Monitoring Well
- Multi-Level Soil Boring (0-2' & 10-12')
- Surface Soil Boring (0-2')
- Soil Vapor (10-12')
- Property Boundary
- Proposed Basement
- Current Building

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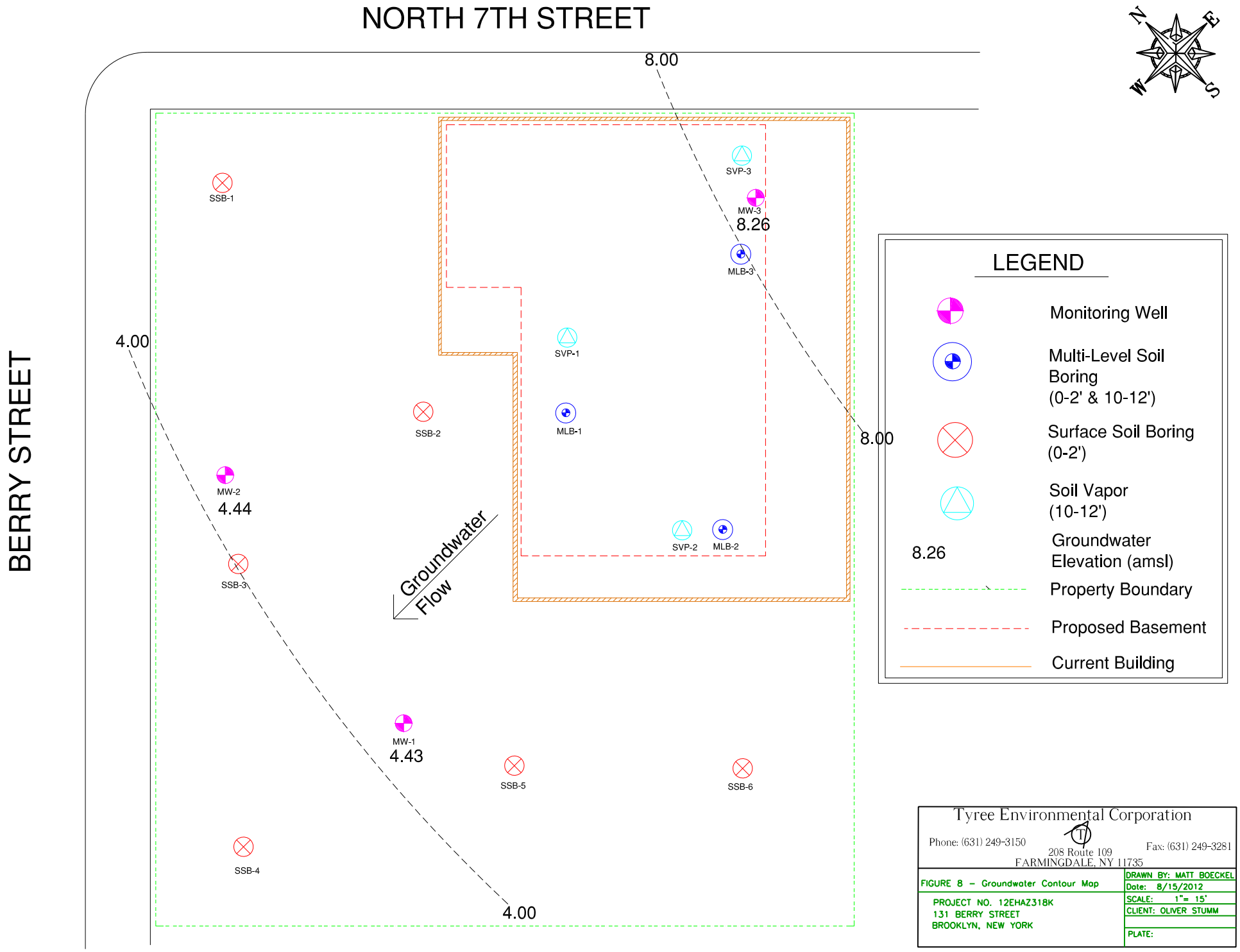
FIGURE 7 – Boring / Well Location Plan

PROJECT NO. 12EHAZ318K
131 BERRY STREET
BROOKLYN, NEW YORK

DRAWN BY: MATT BOECKEL
Date: 8/15/2012
SCALE: 1"= 15'
CLIENT: OLIVER STUMM
PLATE:


NORTH 7TH STREET
BERRY STREET
8.00
8.00
4.00
4.00
SSB-1
SVP-3
MW-3
8.26
MLB-3
SVP-1
SSB-2
MLB-1
MW-2
4.44
SSB-3
SVP-2
MLB-2
Groundwater Flow
MW-1
4.43
SSB-5
SSB-6
SSB-4
LEGEND
Monitoring Well
Multi-Level Soil Boring (0-2' & 10-12')
Surface Soil Boring (0-2')
Soil Vapor (10-12')
8.26
Groundwater Elevation (amsl)
Property Boundary
Proposed Basement
Current Building
Tyree Environmental Corporation
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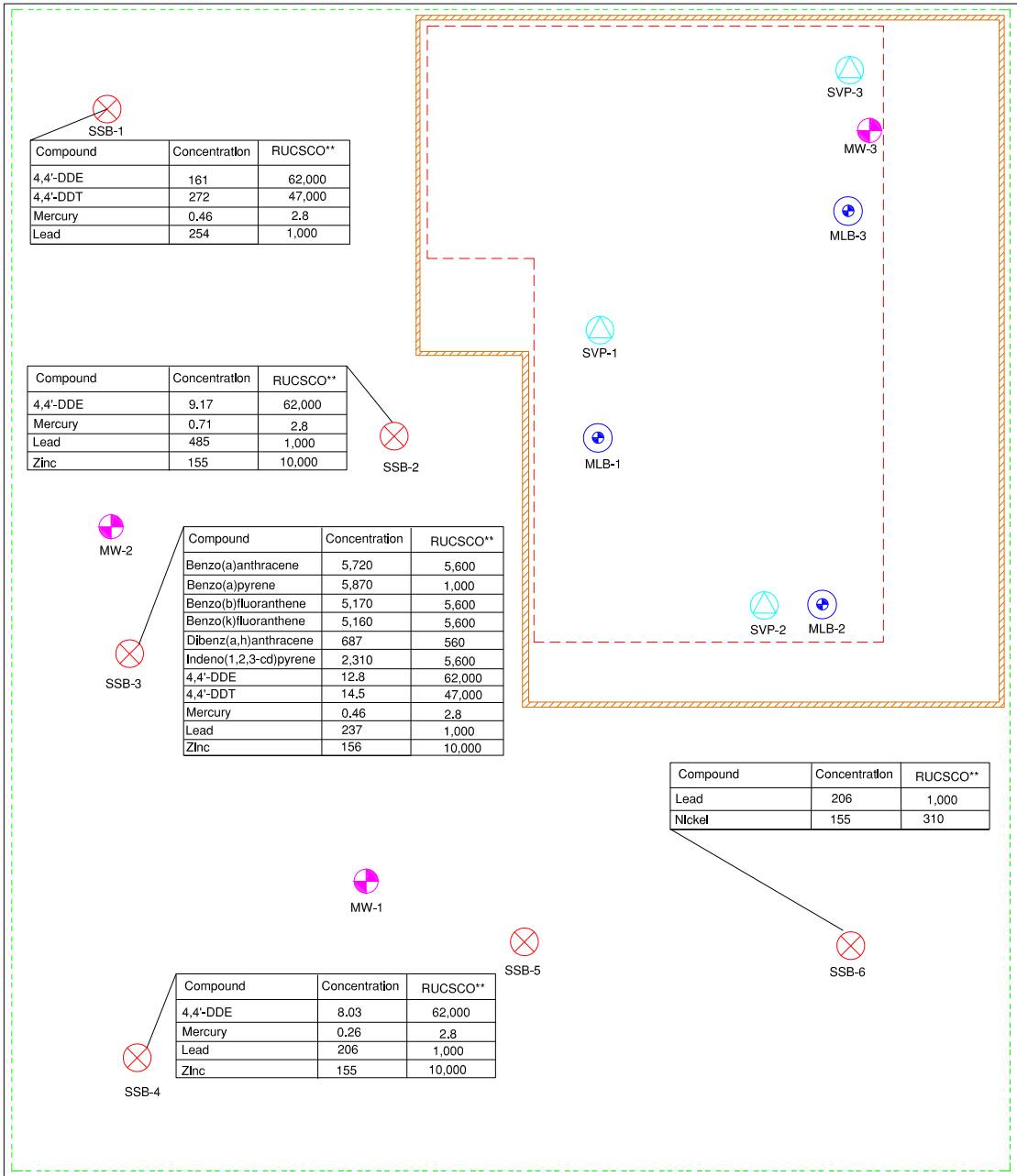
FARMINGDALE, NY 11735
Fax: (631) 249-3281
FIGURE 8 – Groundwater Contour Map
PROJECT NO. 12EHAZ318K
131 BERRY STREET
BROOKLYN, NEW YORK
DRAWN BY: MATT BOECKEL
Date: 8/15/2012
SCALE: 1"= 15'
CLIENT: OLIVER STUMM
PLATE:

NORTH 7TH STREET

BERRY STREET



Compound	Concentration	RUCSCO**
4,4'-DDE	161	62,000
4,4'-DDT	272	47,000
Mercury	0.46	2.8
Lead	254	1,000

Compound	Concentration	RUCSCO**
4,4'-DDE	9.17	62,000
Mercury	0.71	2.8
Lead	485	1,000
Zinc	155	10,000

Compound	Concentration	RUCSCO**
Benzo(a)anthracene	5,720	5,600
Benzo(a)pyrene	5,870	1,000
Benzo(b)fluoranthene	5,170	5,600
Benzo(k)fluoranthene	5,160	5,600
Dibenz(a,h)anthracene	687	560
Indeno(1,2,3-cd)pyrene	2,310	5,600
4,4'-DDE	12.8	62,000
4,4'-DDT	14.5	47,000
Mercury	0.46	2.8
Lead	237	1,000
Zinc	156	10,000

Compound	Concentration	RUCSCO**
Lead	206	1,000
Nickel	155	310

Compound	Concentration	RUCSCO**
4,4'-DDE	8.03	62,000
Mercury	0.26	2.8
Lead	206	1,000
Zinc	155	10,000

LEGEND

- Monitoring Well
- Multi-Level Soil Boring (0-2' & 10-12')
- Surface Soil Boring (0-2')
- Soil Vapor (10-12')
- 8.26 Groundwater Elevation (amsl)
- Property Boundary
- Proposed Basement
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** RUCSCO Restricted Use Commercial Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.

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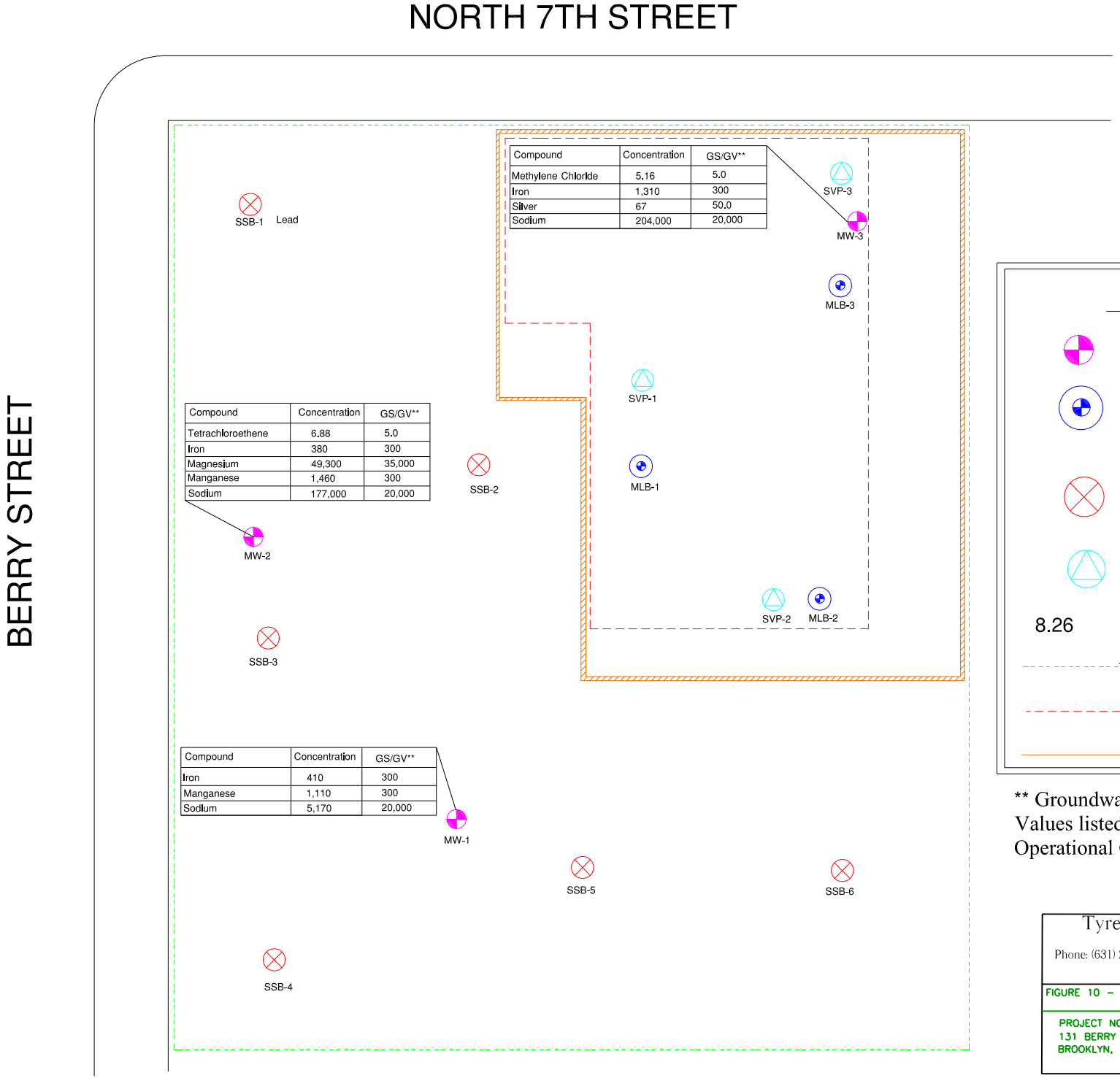
FIGURE 9 – Soil Chemistry Results Map

PROJECT NO. 12EHAZ318K
131 BERRY STREET
BROOKLYN, NEW YORK

DRAWN BY: MATT BOECKEL
Date: 8/15/2012
SCALE: 1"= 15'
CLIENT: OLIVER STUMM
PLATE:



Compound	Concentration	GS/GV**
Methylene Chloride	5.16	5.0
Iron	1,310	300
Silver	67	50.0
Sodium	204,000	20,000

Compound	Concentration	GS/GV**
Tetrachloroethene	6.88	5.0
Iron	380	300
Magnesium	49,300	35,000
Manganese	1,460	300
Sodium	177,000	20,000

Compound	Concentration	GS/GV**
Iron	410	300
Manganese	1,110	300
Sodium	5,170	20,000

LEGEND

- Monitoring Well
- Multi-Level Soil Boring (0-2' & 10-12')
- Surface Soil Boring (0-2')
- Soil Vapor (10-12')
- 8.26 Groundwater Elevation (amsl)
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** Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1.

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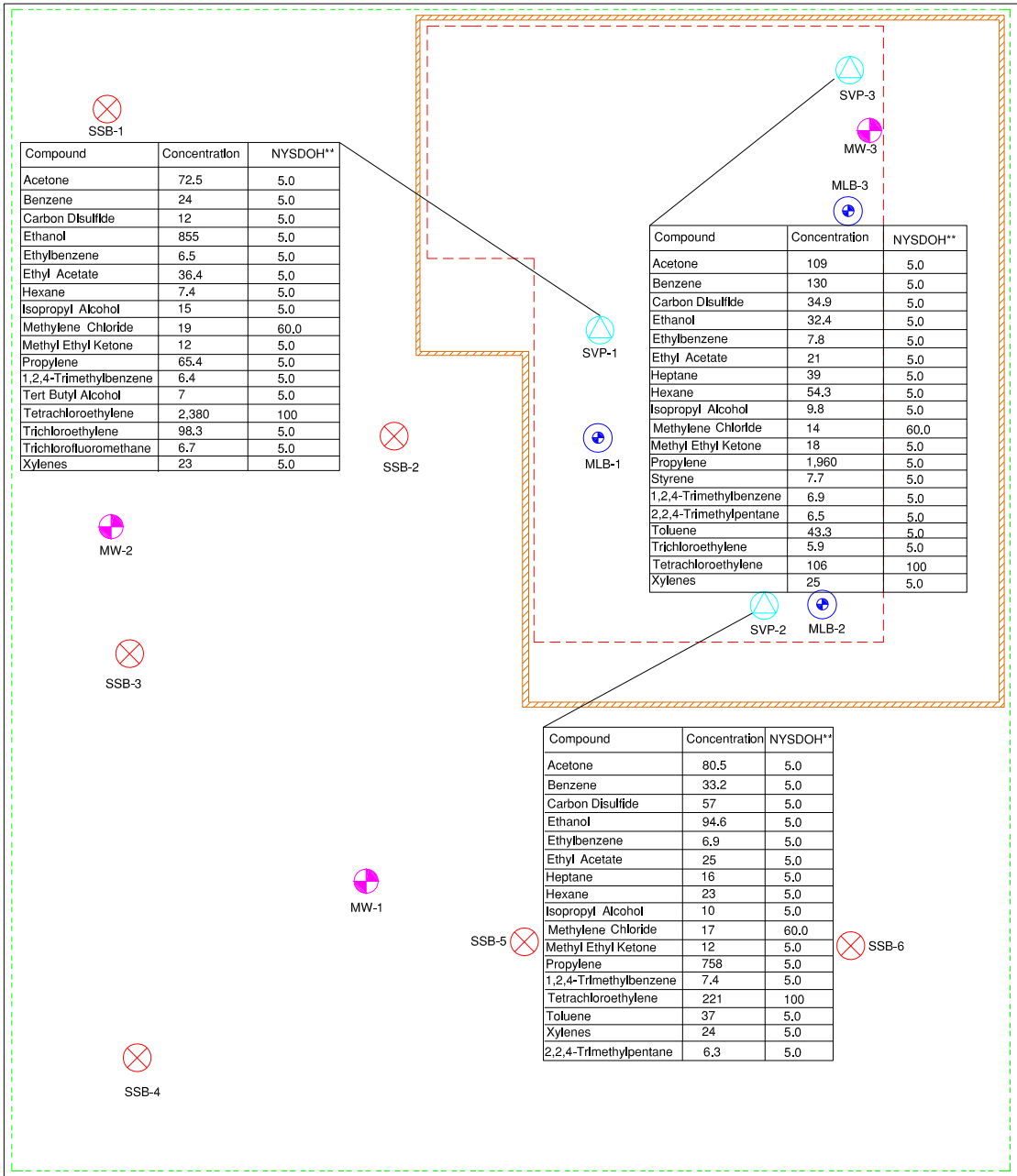
FIGURE 10 – Groundwater Chemistry Results Map

PROJECT NO. 12EHAZ318K
131 BERRY STREET
BROOKLYN, NEW YORK

DRAWN BY: MATT BOECKEL
Date: 8/15/2012
SCALE: 1"= 15'
CLIENT: OLIVER STUMM
PLATE:

NORTH 7TH STREET

BERRY STREET



Compound	Concentration	NYSDOH**
Acetone	72.5	5.0
Benzene	24	5.0
Carbon Disulfide	12	5.0
Ethanol	855	5.0
Ethylbenzene	6.5	5.0
Ethyl Acetate	36.4	5.0
Hexane	7.4	5.0
Isopropyl Alcohol	15	5.0
Methylene Chloride	19	60.0
Methyl Ethyl Ketone	12	5.0
Propylene	65.4	5.0
1,2,4-Trimethylbenzene	6.4	5.0
Tert Butyl Alcohol	7	5.0
Tetrachloroethylene	2,380	100
Trichloroethylene	98.3	5.0
Trichlorofluoromethane	6.7	5.0
Xylenes	23	5.0

Compound	Concentration	NYSDOH**
Acetone	109	5.0
Benzene	130	5.0
Carbon Disulfide	34.9	5.0
Ethanol	32.4	5.0
Ethylbenzene	7.8	5.0
Ethyl Acetate	21	5.0
Heptane	39	5.0
Hexane	54.3	5.0
Isopropyl Alcohol	9.8	5.0
Methylene Chloride	14	60.0
Methyl Ethyl Ketone	18	5.0
Propylene	1,960	5.0
Styrene	7.7	5.0
1,2,4-Trimethylbenzene	6.9	5.0
2,2,4-Trimethylpentane	6.5	5.0
Toluene	43.3	5.0
Trichloroethylene	5.9	5.0
Tetrachloroethylene	106	100
Xylenes	25	5.0

Compound	Concentration	NYSDOH**
Acetone	80.5	5.0
Benzene	33.2	5.0
Carbon Disulfide	57	5.0
Ethanol	94.6	5.0
Ethylbenzene	6.9	5.0
Ethyl Acetate	25	5.0
Heptane	16	5.0
Hexane	23	5.0
Isopropyl Alcohol	10	5.0
Methylene Chloride	17	60.0
Methyl Ethyl Ketone	12	5.0
Propylene	758	5.0
1,2,4-Trimethylbenzene	7.4	5.0
Tetrachloroethylene	221	100
Toluene	37	5.0
Xylenes	24	5.0
2,2,4-Trimethylpentane	6.3	5.0

LEGEND

- Monitoring Well
- Multi-Level Soil Boring (0-2' & 10-12')
- Surface Soil Boring (0-2')
- Soil Vapor (10-12')
- 8.26 Groundwater Elevation (amsl)
- Property Boundary
- Proposed Basement
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** NYSDOH Air Guidance Values in ug/m3.

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FIGURE 11–Soil Vapor Chemistry Results Map	DRAWN BY: MATT BOECKEL
	Date: 8/15/2012
PROJECT NO. 12EHAZ318K	SCALE: 1"= 15'
131 BERRY STREET	CLIENT: OLIVER STUMM
BROOKLYN, NEW YORK	
	PLATE:

TABLES

TABLE 1 SOIL BORING / MONITORING WELL CONSTRUCTION DETAILS								
Category	**Boring/Well Number**	**Date of Construction**	**Total Depth**	**Diameter**	**Ground Surface Elevation**	**Screened Interval**	**Construction Material**	**Latitude / Longitude**
Soil Borings	SSB-1	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 06.53” N 73º 57’ 32.36” W
	SSB-2	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 06.19” N 73º 57’ 32.42” W
	SSB-3	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 06.13” N 73º 57’ 32.71” W
	SSB-4	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 05.87” N 73º 57’ 33.02” W
	SSB-5	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 05.78” N 73º 57’ 32.69” W
	SSB-6	7/25/2012	2’	2.25”	NA	NA	NA	40º 43’ 05.59” N 73º 57’ 32.40” W
	MLB-1	7/26/2012	12’	2.25”	NA	NA	NA	40º 43’ 06.10” N 73º 57’ 32.23” W
	MLB-2	7/26/2012	12’	2.25”	NA	NA	NA	40º 43’ 05.86” N 73º 57’ 32.20” W
	MLB-3	7/26/2012	12’	2.25”	NA	NA	NA	40º 43’ 06.07” N 73º 57’ 31.82” W
Monitoring Wells	MW-1	7/31/2012	40’	2.0”	34.14’	25-40’	PVC	40º 43’ 05.94” N 73º 57’ 32.75” W
	MW-2	7/31/2012	40’	2.0”	33.86’	25-40’	PVC	40º 43’ 06.27” N 73º 57’ 32.73” W
	MW-3	8/2/2012	27’	2.0”	34.66’	20-30’	PVC	40º 43’ 06.15” N 73º 57’ 31.79” W
Soil Vapor Points	SVP-1	7/26/2012	12’	1.0”	NA	10-12’	PVC	40º 43’ 06.16” N 73º 57’ 32.17” W
	SVP-2	7/26/2012	12’	1.0”	NA	10-12’	PVC	40º 43’ 05.88” N 73º 57’ 32.23” W
	SVP-3	7/26/2012	12’	1.0”	NA	10-12’	PVC	40º 43’ 06.18” N 73º 57’ 31.76” W

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NA – Not Applicable.

TABLE 2 GROUNDWATER LEVEL DATA				
Data Point	**Survey Reading**	**Casing Elevation**	**Depth to Water**	**Water Table Elevation**
Benchmark	3.56	35.00	NA	NA
MW-1	4.42	34.14	29.71	4.43
MW-2	4.70	33.86	29.42	4.44
MW-3	3.90	34.66	26.40	8.26

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TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
Acetone	<7.56	<7.70	<7.56	<7.76	50	500,000
Carbon Tetrachloride	<2.03	<2.06	<2.03	<2.08	760	22,000
Chloroform	<2.26	<2.30	<2.26	<2.32	370	350,000
Benzene	<2.09	<2.13	<2.09	<2.15	60	44,000
1,1,1-Trichloroethane	<2.04	<2.07	<2.04	<2.09	680	500,000
Bromomethane	<2.25	<2.29	<2.25	<2.31	NL	NL
Chloromethane	<1.67	<1.70	<1.67	<1.71	NL	NL
Dibromomethane	<1.79	<1.82	<1.79	<1.84	NL	NL
Bromochloromethane	<2.22	<2.26	<2.22	<2.28	NL	NL
Chloroethane	<2.24	<2.28	<2.24	<2.30	NL	NL
Vinyl Chloride	<2.46	<2.51	<2.46	<2.53	20	13,000
Methylene Chloride	<2.11	<2.14	<2.11	<2.16	50	500,000
Carbon Disulfide	<1.47	<1.49	<1.47	<1.51	NL	NL
Bromoform	<1.02	<1.04	<1.02	<1.05	NL	NL
Bromodichloromethane	<1.39	<1.41	<1.39	<1.43	NL	NL
1,1-Dichloroethane	<1.79	<1.82	<1.79	<1.84	270	240,00
1,1-Dichloroethene	<2.12	<2.15	<2.12	<2.17	330	500,000
Tertiary Butyl Alcohol	<16.9	<17.2	<16.9	<17.4	NL	NL
Trichlorofluoromethane	<2.14	<2.18	<2.14	<2.20	NL	NL
Dichlorodifluoromethane	<1.16	<1.19	<1.16	<1.20	NL	NL
1,1,2-Trichlorotrifluoroethane	<1.93	<1.96	<1.93	<1.98	NL	NL
1,2-Dichloropropane	<2.26	<2.30	<2.26	<2.32	NL	NL
2-Butanone	<4.07	<4.14	<4.07	<4.17	NL	NL
1,1,2-Trichloroethane	<2.14	<2.18	<2.14	<2.20	NL	NL
Trichloroethene	<1.95	<1.98	<1.95	<2.00	470	200,000
1,1,2,2-Tetrachloroethane	<2.23	<2.27	<2.23	<2.29	NL	NL
1,2,3-Trichlorobenzene	<1.97	<2.01	<1.97	<2.02	NL	NL
Hexachlorobutadiene	<2.02	<2.05	<2.02	<2.07	NL	NL
Naphthalene	<1.56	<1.58	<1.56	<1.60	12,000	500,000
o-Xylene	<2.45	<2.50	<2.45	<2.52	260	500,000
2-Chlorotoluene	<2.59	<2.63	<2.59	<2.66	NL	NL
1,2-Dichlorobenzene	<2.33	<2.37	<2.33	<2.39	1,100	500,000
1,2,4-Trimethylbenzene	<2.44	<2.49	<2.44	<2.51	3,600	190,000
1,2,4,5-Tetramethylbenzene	<1.77	<1.80	<1.77	<1.82	NL	NL
1,2-Dibromo-3-chloropropane	<1.13	<1.15	<1.13	<1.16	NL	NL
1,2,3-Trichloropropane	<2.02	<2.05	<2.02	<2.07	NL	NL
tert-Butylbenzene	<2.33	<2.37	<2.33	<2.39	5,900	500,000
Isopropylbenzene	<2.37	<2.42	<2.37	<2.44	NL	NL
4-Isopropyltoluene	<2.41	<2.45	<2.41	<2.47	NL	NL
Ethylbenzene	<1.98	<2.02	<1.98	<2.04	1,000	390,000
Styrene	<2.03	<2.06	<2.03	<2.08	NL	NL
n-Propylbenzene	<2.18	<2.22	<2.18	<2.24	3,900	500,000

TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
n-Butylbenzene	<2.41	<2.45	<2.41	<2.47	12,000	500,000
p-Diethylbenzene	<2.22	<2.26	<2.22	<2.28	NL	NL
4-Chlorotoluene	<2.32	<2.36	<2.32	<2.38	NL	NL
1,4-Dichlorobenzene	<2.37	<2.42	<2.37	<2.44	1,800	130,000
1,2-Dibromoethane	<2.09	<2.13	<2.09	<2.15	NL	NL
1,2-Dichloroethane	<2.25	<2.29	<2.25	<2.31	20	30,000
Acrylonitrile	<4.36	<4.43	<4.36	<4.47	NL	NL
4-Methyl-2-pentanone	<5.44	<5.54	<5.44	<5.59	NL	NL
m,p-Xylenes	<4.68	<4.77	<4.68	<4.81	260	500,000
1,3,5-Trimethylbenzene	<2.42	<2.46	<2.42	<2.48	8,400	190,000
Bromobenzene	<2.43	<2.47	<2.43	<2.50	NL	NL
Toluene	5.84	<2.17	<2.13	<2.18	700	500,000
Chlorobenzene	<2.40	<2.44	<2.40	<2.46	1,100	500,000
2-Chloroethylvinylether	<3.23	<3.28	<3.23	<3.31	NL	NL
1,2,4-Trichlorobenzene	<2.08	<2.12	<2.08	<2.14	NL	NL
Dibromochloromethane	<1.33	<1.36	<1.33	<1.37	NL	NL
Tetrachloroethene	<2.40	<2.44	<2.40	<2.46	1,300	150,000
sec-Butylbenzene	<2.44	<2.49	<2.44	<2.51	11,000	500,000
1,3-Dichloropropane	<2.45	<2.50	<2.45	<2.52	NL	NL
cis-1,2-Dichloroethene	<2.07	<2.11	<2.07	<2.13	250	500,000
trans-1,2-Dichloroethene	<2.04	<2.07	<2.04	<2.09	190	500,000
1,3-Dichlorobenzene	<2.27	<2.31	<2.27	<2.33	2,400	280,000
1,1-Dichloropropene	<1.96	<2.00	<1.96	<2.01	NL	NL
2,2-Dichloropropane	<1.94	<1.97	<1.94	<1.99	NL	NL
2-Hexanone	<3.60	<3.66	<3.60	<3.69	NL	NL
p-Ethyltoluene	<2.40	<2.44	<2.40	<2.46	NL	NL
1,1,1,2-Tetrachloroethane	<2.08	<2.12	<2.08	<2.14	NL	NL
TAME	<1.97	<2.01	<1.97	<2.02	NL	NL
MTBE	<1.93	<1.96	<1.93	<1.98	930	500,000
cis-1,3-Dichloropropene	<2.17	<2.21	<2.17	<2.23	NL	NL
trans-1,3-Dichloropropene	<1.62	<1.65	<1.62	<1.67	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Unrestricted Use Soil Cleanup Objectives (UUSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
** - Restricted Use Commercial Soil Cleanup Objectives (RUCSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
NL = No cleanup objective listed.
<Value = Not detected above method detection limit.

Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.

TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Acetone	<7.29	<7.43	<7.49	<7.43	50	500,000
Carbon Tetrachloride	<1.95	<1.99	<2.01	<1.99	760	22,000
Chloroform	<2.18	<2.22	<2.24	<2.22	370	350,000
Benzene	<2.02	<2.06	<2.08	<2.06	60	44,000
1,1,1-Trichloroethane	<1.97	<2.00	<2.02	<2.00	680	500,000
Bromomethane	<2.17	<2.21	<2.23	<2.21	NL	NL
Chloromethane	<1.61	<1.64	<1.65	<1.64	NL	NL
Dibromomethane	<1.73	<1.76	<1.78	<1.76	NL	NL
Bromochloromethane	<2.14	<2.18	<2.20	<2.18	NL	NL
Chloroethane	<2.16	<2.20	<2.22	<2.20	NL	NL
Vinyl Chloride	<2.38	<2.42	<2.44	<2.42	20	13,000
Methylene Chloride	<2.03	<2.07	<2.09	<2.07	50	500,000
Carbon Disulfide	<1.41	<1.44	<1.45	<1.44	NL	NL
Bromoform	<0.98	<1.00	<1.01	<1.00	NL	NL
Bromodichloromethane	<1.34	<1.36	<1.38	<1.36	NL	NL
1,1-Dichloroethane	<1.73	<1.76	<1.78	<1.76	270	240,00
1,1-Dichloroethene	<2.04	<2.08	<2.10	<2.08	330	500,000
Tertiary Butyl Alcohol	<16.3	<16.6	<16.8	<16.6	NL	NL
Trichlorofluoromethane	<2.06	<2.10	<2.12	<2.10	NL	NL
Dichlorodifluoromethane	<1.12	<1.14	<1.15	<1.14	NL	NL
1,1,2-Trichlorotrifluoroethane	<1.86	<1.89	<1.91	<1.89	NL	NL
1,2-Dichloropropane	<2.18	<2.22	<2.24	<2.22	NL	NL
2-Butanone	<3.92	<3.99	<4.03	<3.99	NL	NL
1,1,2-Trichloroethane	<2.06	<2.10	<2.12	<2.10	NL	NL
Trichloroethene	<1.88	<1.91	<1.93	<1.91	470	200,000
1,1,2,2-Tetrachloroethane	<2.15	<2.19	<2.21	<2.19	NL	NL
1,2,3-Trichlorobenzene	<1.90	<1.94	<1.95	<1.94	NL	NL
Hexachlorobutadiene	<1.94	<1.98	<2.00	<1.98	NL	NL
Naphthalene	<1.50	<1.53	<1.54	<1.53	12,000	500,000
o-Xylene	<2.37	<2.41	<2.43	<2.41	260	500,000
2-Chlorotoluene	<2.49	<2.54	<2.56	<2.54	NL	NL
1,2-Dichlorobenzene	<2.25	<2.29	<2.31	<2.29	1,100	500,000
1,2,4-Trimethylbenzene	<2.35	<2.40	<2.42	<2.40	3,600	190,000
1,2,4,5-Tetramethylbenzene	<1.71	<1.74	<1.75	<1.74	NL	NL
1,2-Dibromo-3-chloropropane	<1.09	<1.11	<1.12	<1.11	NL	NL
1,2,3-Trichloropropane	<1.94	<1.98	<2.00	<1.98	NL	NL
tert-Butylbenzene	<2.25	<2.29	<2.31	<2.29	5,900	500,000
Isopropylbenzene	<2.29	<2.33	<2.35	<2.33	NL	NL
4-Isopropyltoluene	<2.32	<2.37	<2.39	<2.37	NL	NL
Ethylbenzene	<1.91	<1.95	<1.96	<1.95	1,000	390,000

TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Styrene	<1.95	<1.99	<2.01	<1.99	NL	NL
n-Propylbenzene	<2.11	<2.14	<2.16	<2.14	3,900	500,000
n-Butylbenzene	<2.32	<2.37	<2.39	<2.37	12,000	500,000
p-Diethylbenzene	<2.14	<2.18	<2.20	<2.18	NL	NL
4-Chlorotoluene	<2.24	<2.28	<2.30	<2.28	NL	NL
1,4-Dichlorobenzene	<2.29	<2.33	<2.35	<2.33	1,800	130,000
1,2-Dibromoethane	<2.02	<2.06	<2.08	<2.06	NL	NL
1,2-Dichloroethane	<2.17	<2.21	<2.23	<2.21	20	30,000
Acrylonitrile	<4.20	<4.28	<4.32	<4.28	NL	NL
4-Methyl-2-pentanone	<5.25	<5.35	<5.39	<5.35	NL	NL
m,p-Xylenes	<4.51	<4.60	<4.64	<4.60	260	500,000
1,3,5-Trimethylbenzene	<2.33	<2.38	<2.40	<2.38	8,400	190,000
Bromobenzene	<2.34	<2.39	<2.41	<2.39	NL	NL
Toluene	<2.05	<2.09	<2.11	<2.09	700	500,000
Chlorobenzene	<2.31	<2.35	<2.38	<2.35	1,100	500,000
2-Chloroethylvinylether	<3.11	<3.17	<3.20	<3.17	NL	NL
1,2,4-Trichlorobenzene	<2.01	<2.05	<2.06	<2.05	NL	NL
Dibromochloromethane	<1.29	<1.31	<1.32	<1.31	NL	NL
Tetrachloroethene	<2.31	<2.35	<2.38	<2.35	1,300	150,000
sec-Butylbenzene	<2.35	<2.40	<2.42	<2.40	11,000	500,000
1,3-Dichloropropane	<2.37	<2.41	<2.43	<2.41	NL	NL
cis-1,2-Dichloroethene	<2.00	<2.04	<2.05	<2.04	250	500,000
trans-1,2-Dichloroethene	<1.97	<2.00	<2.02	<2.00	190	500,000
1,3-Dichlorobenzene	<2.19	<2.23	<2.25	<2.23	2,400	280,000
1,1-Dichloropropene	<1.89	<1.92	<1.94	<1.92	NL	NL
2,2-Dichloropropane	<1.87	<1.90	<1.92	<1.90	NL	NL
2-Hexanone	<3.47	<3.53	<3.56	<3.53	NL	NL
p-Ethyltoluene	<2.31	<2.35	<2.38	<2.35	NL	NL
1,1,1,2-Tetrachloroethane	<2.01	<2.05	<2.06	<2.05	NL	NL
TAME	<1.90	<1.94	<1.95	<1.94	NL	NL
MTBE	<1.86	<1.89	<1.91	<1.89	930	500,000
cis-1,3-Dichloropropene	<2.10	<2.13	<2.15	<2.13	NL	NL
trans-1,3-Dichloropropene	<1.57	<1.60	<1.61	<1.60	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Unrestricted Use Soil Cleanup Objectives (UUSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
** - Restricted Use Commercial Soil Cleanup Objectives (RUCSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
NL = No cleanup objective listed.
<Value = Not detected above method detection limit.

Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.

TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Acetone	<7.36	<7.22	52.5	<7.90	50	500,000
Carbon Tetrachloride	<1.97	<1.94	<1.99	<2.12	760	22,000
Chloroform	<2.20	<2.16	<2.22	<2.36	370	350,000
Benzene	<2.04	<2.00	<2.06	<2.19	60	44,000
1,1,1-Trichloroethane	<1.98	<1.95	<2.00	<2.13	680	500,000
Bromomethane	<2.19	<2.15	<2.21	<2.35	NL	NL
Chloromethane	<1.62	<1.59	<1.64	<1.74	NL	NL
Dibromomethane	<1.74	<1.71	<1.76	<1.87	NL	NL
Bromochloromethane	<2.16	<2.12	<2.18	<2.32	NL	NL
Chloroethane	<2.18	<2.14	<2.20	<2.34	NL	NL
Vinyl Chloride	<2.40	<2.35	<2.42	<2.57	20	13,000
Methylene Chloride	<2.05	<2.01	<2.07	<2.20	50	500,000
Carbon Disulfide	<1.43	<1.40	<1.44	<1.53	NL	NL
Bromoform	<0.99	<0.97	<1.00	<1.06	NL	NL
Bromodichloromethane	<1.35	<1.33	<1.36	<1.45	NL	NL
1,1-Dichloroethane	<1.74	<1.71	<1.76	<1.87	270	240,00
1,1-Dichloroethene	<2.06	<2.02	<2.08	<2.21	330	500,000
Tertiary Butyl Alcohol	<16.5	<16.2	<16.6	<17.7	NL	NL
Trichlorofluoromethane	<2.08	<2.04	<2.10	<2.23	NL	NL
Dichlorodifluoromethane	<1.13	<1.11	<1.14	<1.22	NL	NL
1,1,2-Trichlorotrifluoroethane	<1.87	<1.84	<1.89	<2.01	NL	NL
1,2-Dichloropropane	<2.20	<2.16	<2.22	<2.36	NL	NL
2-Butanone	<3.96	<3.88	<3.99	<4.25	NL	NL
1,1,2-Trichloroethane	<2.08	<2.04	<2.10	<2.23	NL	NL
Trichloroethene	<1.90	<1.86	<1.91	<2.04	470	200,000
1,1,2,2-Tetrachloroethane	<2.17	<2.13	<2.19	<2.33	NL	NL
1,2,3-Trichlorobenzene	<1.92	<1.88	<1.94	<2.06	NL	NL
Hexachlorobutadiene	<1.96	<1.93	<1.98	<2.11	NL	NL
Naphthalene	<1.52	<1.49	8.84	<1.63	12,000	500,000
o-Xylene	<2.39	<2.34	<2.41	<2.56	260	500,000
2-Chlorotoluene	<2.52	<2.47	<2.54	<2.70	NL	NL
1,2-Dichlorobenzene	<2.27	<2.23	<2.29	<2.43	1,100	500,000
1,2,4-Trimethylbenzene	<2.38	<2.33	<2.40	<2.55	3,600	190,000
1,2,4,5-Tetramethylbenzene	<1.72	<1.69	<1.74	<1.85	NL	NL
1,2-Dibromo-3-chloropropane	<1.10	<1.08	<1.11	<1.18	NL	NL
1,2,3-Trichloropropane	<1.96	<1.93	<1.98	<2.11	NL	NL
tert-Butylbenzene	<2.27	<2.23	<2.29	<2.43	5,900	500,000
Isopropylbenzene	<2.31	<2.27	<2.33	<2.48	NL	NL
4-Isopropyltoluene	<2.34	<2.30	<2.37	<2.52	NL	NL
Ethylbenzene	<1.93	<1.89	<1.95	<2.07	1,000	390,000

TABLE 3 SUMMARY OF SOIL ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Styrene	<1.97	<1.94	<1.99	<2.12	NL	NL
n-Propylbenzene	<2.13	<2.09	<2.14	<2.28	3,900	500,000
n-Butylbenzene	<2.34	<2.30	<2.37	<2.52	12,000	500,000
p-Diethylbenzene	<2.16	<2.12	<2.18	<2.32	NL	NL
4-Chlorotoluene	<2.26	<2.21	<2.28	<2.42	NL	NL
1,4-Dichlorobenzene	<2.31	<2.27	<2.33	<2.48	1,800	130,000
1,2-Dibromoethane	<2.04	<2.00	<2.06	<2.19	NL	NL
1,2-Dichloroethane	<2.19	<2.15	<2.21	<2.35	20	30,000
Acrylonitrile	<4.24	<4.16	<4.28	<4.55	NL	NL
4-Methyl-2-pentanone	<5.30	<5.20	<5.35	<5.69	NL	NL
m,p-Xylenes	<4.56	<4.47	<4.60	<4.89	260	500,000
1,3,5-Trimethylbenzene	<2.35	<2.31	<2.38	<2.53	8,400	190,000
Bromobenzene	<2.37	<2.32	<2.39	<2.54	NL	NL
Toluene	<2.07	<2.03	<2.09	<2.22	700	500,000
Chlorobenzene	<2.33	<2.29	<2.35	<2.50	1,100	500,000
2-Chloroethylvinylether	<3.14	<3.08	<3.17	<3.37	NL	NL
1,2,4-Trichlorobenzene	<2.03	<1.99	<2.05	<2.18	NL	NL
Dibromochloromethane	<1.30	<1.27	<1.31	<1.39	NL	NL
Tetrachloroethene	<2.33	<2.29	4.09	<2.50	1,300	150,000
sec-Butylbenzene	<2.38	<2.33	<2.40	<2.55	11,000	500,000
1,3-Dichloropropane	<2.39	<2.34	<2.41	<2.56	NL	NL
cis-1,2-Dichloroethene	<2.02	<1.98	<2.04	<2.16	250	500,000
trans-1,2-Dichloroethene	<1.98	<1.95	<2.00	<2.13	190	500,000
1,3-Dichlorobenzene	<2.21	<2.17	<2.23	<2.38	2,400	280,000
1,1-Dichloropropene	<1.91	<1.87	<1.92	<2.05	NL	NL
2,2-Dichloropropane	<1.89	<1.85	<1.90	<2.02	NL	NL
2-Hexanone	<3.50	<3.43	<3.53	<3.76	NL	NL
p-Ethyltoluene	<2.33	<2.29	<2.35	<2.50	NL	NL
1,1,1,2-Tetrachloroethane	<2.03	<1.99	<2.05	<2.18	NL	NL
TAME	<1.92	<1.88	<1.94	<2.06	NL	NL
MTBE	<1.87	<1.84	<1.89	<2.01	930	500,000
cis-1,3-Dichloropropene	<2.11	<2.08	<2.13	<2.27	NL	NL
trans-1,3-Dichloropropene	<1.58	<1.55	<1.60	<1.70	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Unrestricted Use Soil Cleanup Objectives (UUSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
** - Restricted Use Commercial Soil Cleanup Objectives (RUCSCO) listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives
NL = No cleanup objective listed.
<Value = Not detected above method detection limit.

Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<46.6	<47.6	<46.7	<47.7	NL	NL
1,2-Dichlorobenzene	<34.6	<35.4	<34.7	<35.4	1,100	500,000
1,2-Diphenylhydrazine	<33.9	<34.6	<33.9	<34.6	NL	NL
1,3-Dichlorobenzene	<37.7	<38.4	<37.8	<38.5	2,400	280,000
1,4-Dichlorobenzene	<36.5	<37.3	<36.6	<37.3	1,800	130,000
2,3,4,6-Tetrachlorophenol	<44.4	<45.3	<44.5	<45.4	NL	NL
2,4,5-Trichlorophenol	<24.3	<24.8	<24.4	<24.9	NL	NL
2,4,6-Trichlorophenol	<42.2	<43.0	<42.2	<43.1	NL	NL
2,4-Dichlorophenol	<36.8	<37.5	<36.9	<37.6	NL	NL
2,4-Dimehtylphenol	<46.9	<47.8	<47.0	<47.9	NL	NL
2,4-Dinitrophenol	<395	<403	<396	<403	NL	NL
2,4-Dinitrotoluene	<67.3	<68.6	<67.4	<68.7	NL	NL
2,6-Dinitrotoluene	<46.2	<47.1	<46.3	<47.2	NL	NL
2-Chloronaphthalene	<54.0	<55.1	<54.2	<55.2	NL	NL
2-Chlorophenol	<54.0	<55.1	<54.2	<55.2	NL	NL
2-Methylnaphthalene	<44.5	<45.4	203	<45.5	NL	NL
2-Methylphenol	<40.1	<41.0	<40.2	<41.0	NL	NL
2-Nitroaniline	<58.4	<59.6	<58.5	<59.7	NL	NL
2-Nitrophenol	<34.1	<34.8	<34.2	<34.8	NL	NL
3+4-Methylphenol	<34.6	<35.4	<34.7	<35.4	NL	NL
3,3-Dichlorobenzidine	<54.0	<55.1	<54.2	<55.2	NL	NL
3-Nitroaniline	<19.3	<19.7	<19.3	<19.7	NL	NL
4,6-Dinitro-2-methylphenol	<490	<500	<491	<501	NL	NL
4-Bromophenyl Phenyl Ether	<50.9	<51.9	<51.0	<52.0	NL	NL
4-Chloro-3-methylphenol	<41.8	<42.7	<41.9	<42.7	NL	NL
4-Chloroaniline	<42.7	<43.6	<42.8	<43.6	NL	NL
4-Chlorophenyl Phenyl Ether	<43.6	<44.5	<43.7	<44.6	NL	NL
4-Nitroaniline	<110	<112	<110	<112	NL	NL
4-Nitrophenol	<748	<763	<749	<764	NL	NL
Acenaphthene	<47.2	<48.2	531	<48.2	98,000	500,000
Acenaphthylene	<38.6	<39.4	421	<39.4	100,000	500,000
Aniline	<34.9	<35.6	<34.9	<35.6	NL	NL
Anthracene	123	<50.9	1,770	<51.0	100,000	500,000
Benzidine	<984	<1,000	<987	<1,010	NL	NL
Benzo(a)anthracene	672	98.4	**5,720**	77.9	1,000	5,600
Benzo(a)pyrene	488	88.1	**5,870**	91.6	1,000	1,000
Benzo(b)fluoranthene	566	62.9	**5,170**	63	1,000	5,600
Benzo(g,h,i)perylene	516	<87.4	2,420	<87.5	100,000	500,000
Benzo(k)fluoranthene	576	<87.1	**5,160**	91.6	800	56,000
Benzoic acid	<6,570	<6,700	<6,580	<6,710	NL	NL
Benzyl Alcohol	<66.1	<67.5	<66.3	<67.6	NL	NL

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<46.6	<47.6	<46.7	<47.7	NL	NL
1,2-Dichlorobenzene	<34.6	<35.4	<34.7	<35.4	1,100	500,000
1,2-Diphenylhydrazine	<33.9	<34.6	<33.9	<34.6	NL	NL
1,3-Dichlorobenzene	<37.7	<38.4	<37.8	<38.5	2,400	280,000
1,4-Dichlorobenzene	<36.5	<37.3	<36.6	<37.3	1,800	130,000
2,3,4,6-Tetrachlorophenol	<44.4	<45.3	<44.5	<45.4	NL	NL
2,4,5-Trichlorophenol	<24.3	<24.8	<24.4	<24.9	NL	NL
2,4,6-Trichlorophenol	<42.2	<43.0	<42.2	<43.1	NL	NL
2,4-Dichlorophenol	<36.8	<37.5	<36.9	<37.6	NL	NL
2,4-Dimehtylphenol	<46.9	<47.8	<47.0	<47.9	NL	NL
2,4-Dinitrophenol	<395	<403	<396	<403	NL	NL
2,4-Dinitrotoluene	<67.3	<68.6	<67.4	<68.7	NL	NL
2,6-Dinitrotoluene	<46.2	<47.1	<46.3	<47.2	NL	NL
2-Chloronaphthalene	<54.0	<55.1	<54.2	<55.2	NL	NL
2-Chlorophenol	<54.0	<55.1	<54.2	<55.2	NL	NL
2-Methylnaphthalene	<44.5	<45.4	203	<45.5	NL	NL
2-Methylphenol	<40.1	<41.0	<40.2	<41.0	NL	NL
2-Nitroaniline	<58.4	<59.6	<58.5	<59.7	NL	NL
2-Nitrophenol	<34.1	<34.8	<34.2	<34.8	NL	NL
3+4-Methylphenol	<34.6	<35.4	<34.7	<35.4	NL	NL
3,3-Dichlorobenzidine	<54.0	<55.1	<54.2	<55.2	NL	NL
3-Nitroaniline	<19.3	<19.7	<19.3	<19.7	NL	NL
4,6-Dinitro-2-methylphenol	<490	<500	<491	<501	NL	NL
4-Bromophenyl Phenyl Ether	<50.9	<51.9	<51.0	<52.0	NL	NL
4-Chloro-3-methylphenol	<41.8	<42.7	<41.9	<42.7	NL	NL
4-Chloroaniline	<42.7	<43.6	<42.8	<43.6	NL	NL
4-Chlorophenyl Phenyl Ether	<43.6	<44.5	<43.7	<44.6	NL	NL
4-Nitroaniline	<110	<112	<110	<112	NL	NL
4-Nitrophenol	<748	<763	<749	<764	NL	NL
Acenaphthene	<47.2	<48.2	531	<48.2	98,000	500,000
Acenaphthylene	<38.6	<39.4	421	<39.4	100,000	500,000
Aniline	<34.9	<35.6	<34.9	<35.6	NL	NL
Anthracene	123	<50.9	1,770	<51.0	100,000	500,000
Benzidine	<984	<1,000	<987	<1,010	NL	NL
Benzo(a)anthracene	672	98.4	**5,720**	77.9	1,000	5,600
Benzo(a)pyrene	488	88.1	**5,870**	91.6	1,000	1,000
Benzo(b)fluoranthene	566	62.9	**5,170**	63	1,000	5,600
Benzo(g,h,i)perylene	516	<87.4	2,420	<87.5	100,000	500,000
Benzo(k)fluoranthene	576	<87.1	**5,160**	91.6	800	56,000
Benzoic acid	<6,570	<6,700	<6,580	<6,710	NL	NL
Benzyl Alcohol	<66.1	<67.5	<66.3	<67.6	NL	NL

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
Butyl Benzyl Phthalate	<59.2	<60.4	<59.3	<60.5	NL	NL
Carbazole	70.6	<65.9	884	<66.0	NL	NL
Chrysene	721	111	**5,790**	<60.6	1,000	560,000
Cresols	<74.7	<76.4	<74.9	<76.4	330	500,000
Di-n-butyl phthalate	<63.1	<64.4	<63.3	<64.5	NL	NL
Di-n-octyl phthalate	<55.2	<56.3	<55.3	<56.4	NL	NL
Dibenz(a,h)anthracene	<62.6	<63.8	**687**	<63.9	330	560
Dibenzofuran	<37.4	<38.2	<37.5	<38.3	NL	NL
Diethyl phthalate	<73.3	<74.8	<73.5	<74.9	NL	NL
Dimethyl phthalate	<54.1	<55.3	<54.3	<55.3	NL	NL
Fluoranthene	1,260	190	8,080	163	100,000	500,000
Fluorene	<45.1	<46.0	587	<46.0	30,000	500,000
Hexachlorobenzene	<48.0	<49.0	<48.1	<49.0	NL	NL
Hexachlorobutadiene	<44.8	<45.8	<44.9	<45.8	NL	NL
Hexachlorocyclopentadiene	<346	<354	<347	<354	NL	NL
Hexachloroethane	<49.9	<50.9	<50.0	<51.0	NL	NL
Indeno(1,2,3-cd)pyrene	485	263	**2,310**	<52.9	500	5,600
Isophorone	<51.2	<52.3	<51.3	<52.3	NL	NL
N-Nitrosodi-n-propylamine	<33.9	<34.6	<33.9	<34.6	NL	NL
N-Nitrosodimethylamine	<71.2	<72.7	<71.3	<72.7	NL	NL
N-Nitrosodiphenylamine	<61.1	<62.4	<61.2	<62.4	NL	NL
Naphthalene	<45.1	<46.0	392	<46.0	12,000	500,000
Nitrobenzene	<43.4	<44.3	<43.5	<44.3	NL	NL
Pentachlorophenol	<425	<434	<426	<434	NL	NL
Phenanthrene	529	109	6,360	69.9	100,000	500,000
Phenol	<29.3	<29.9	<29.3	<29.9	330	500,000
Pyrene	1,920	211	289	191	100,000	500,000
Pyridine	<64.2	<65.6	<64.4	<65.6	NL	NL
Bis(2-Chloroethoxy)methane	<46.4	<47.4	<46.5	<47.4	NL	NL
Bis(2-Chloroethyl)ether	<53.0	<54.1	<53.1	<54.2	NL	NL
Bis(2-Chloroisopropyl)ether	<41.1	<42.0	<41.2	<42.0	NL	NL
Bis(2-Ethylhexyl)phthalate	<73.4	<74.9	<73.6	<75.0	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates detected concentration exceeds the UUSCO.
Green Highlight indicates detected concentration exceeds RUCSCOs.

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<45.0	<45.9	<46.1	<45.6	NL	NL
1,2-Dichlorobenzene	<33.4	<34.1	<34.2	<33.9	1,100	500,000
1,2-Diphenylhydrazine	<32.7	<33.3	<33.4	<33.1	NL	NL
1,3-Dichlorobenzene	<36.4	<37.0	<37.2	<36.8	2,400	280,000
1,4-Dichlorobenzene	<35.3	<35.9	<36.1	<35.7	1,800	130,000
2,3,4,6-Tetrachlorophenol	<42.9	<43.7	<43.9	<43.4	NL	NL
2,4,5-Trichlorophenol	<23.5	<23.9	<24.0	<23.8	NL	NL
2,4,6-Trichlorophenol	<40.7	<41.5	<41.6	<41.2	NL	NL
2,4-Dichlorophenol	<35.5	<36.2	<36.3	<36.0	NL	NL
2,4-Dimehtylphenol	<45.2	<46.1	<46.3	<45.8	NL	NL
2,4-Dinitrophenol	<381	<388	<390	<386	NL	NL
2,4-Dinitrotoluene	<64.9	<66.2	<66.4	<65.8	NL	NL
2,6-Dinitrotoluene	<44.6	<45.4	<45.6	<45.2	NL	NL
2-Chloronaphthalene	<52.2	<53.1	<53.4	<52.9	NL	NL
2-Chlorophenol	<52.2	<53.1	<53.4	<52.9	NL	NL
2-Methylnaphthalene	<43.0	<43.8	<44.0	<43.5	NL	NL
2-Methylphenol	<38.7	<39.5	<39.6	<39.3	NL	NL
2-Nitroaniline	<56.4	<57.4	<57.7	<57.1	NL	NL
2-Nitrophenol	<32.9	<33.5	<33.7	<33.3	NL	NL
3+4-Methylphenol	<33.4	<34.1	<34.2	<33.9	NL	NL
3,3-Dichlorobenzidine	<52.2	<53.1	<53.4	<52.9	NL	NL
3-Nitroaniline	<18.6	<19.0	<19.0	<18.9	NL	NL
4,6-Dinitro-2-methylphenol	<473	<482	<484	<479	NL	NL
4-Bromophenyl Phenyl Ether	<49.1	<50.1	<50.3	<49.8	NL	NL
4-Chloro-3-methylphenol	<40.4	<41.1	<41.3	<40.9	NL	NL
4-Chloroaniline	<41.2	<42.0	<42.2	<41.8	NL	NL
4-Chlorophenyl Phenyl Ether	<42.1	<42.9	<43.1	<42.7	NL	NL
4-Nitroaniline	<106	<108	<108	<107	NL	NL
4-Nitrophenol	<722	<735	<739	<731	NL	NL
Acenaphthene	<45.6	<46.4	<46.6	<46.2	98,000	500,000
Acenaphthylene	<37.2	<37.9	<38.1	<37.7	100,000	500,000
Aniline	<33.7	<34.3	<34.4	<34.1	NL	NL
Anthracene	<48.2	<49.1	<49.3	<48.8	100,000	500,000
Benzidine	<950	<968	<972	<963	NL	NL
Benz(a)anthracene	<45.8	<46.6	<46.8	<46.4	1,000	5,600
Benzo(a)pyrene	<56.4	<57.4	<57.7	<57.1	1,000	1,000
Benzo(b)fluoranthene	<44.9	<45.8	<46.0	<45.5	1,000	5,600
Benzo(g,h,i)perylene	<82.7	<84.2	<84.6	<83.8	100,000	500,000
Benzo(k)fluoranthene	<82.4	<83.9	<84.3	<83.4	800	56,000

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Benzoic acid	<6,340	<6,460	<6,490	<6,430	NL	NL
Benzyl Alcohol	<63.9	<65.0	<65.3	<64.7	NL	NL
Butyl Benzyl Phthalate	<57.1	<58.2	<58.5	<57.9	NL	NL
Carbazole	<62.3	<63.5	<63.8	<63.2	NL	NL
Chrysene	<57.3	<58.3	<58.6	<58.0	1,000	560,000
Cresols	<72.1	<73.6	<73.8	<73.2	330	500,000
Di-n-butyl phthalate	<60.9	<62.1	<62.3	<61.7	NL	NL
Di-n-octyl phthalate	<53.2	<54.2	<54.5	<53.9	NL	NL
Dibenz(a,h)anthracene	<60.4	<61.5	<61.8	<61.2	330	560
Dibenzofuran	<36.1	<36.8	<37.0	<36.6	NL	NL
Diethyl phthalate	<70.8	<72.1	<72.4	<71.7	NL	NL
Dimethyl phthalate	<52.3	<53.3	<53.5	<53.0	NL	NL
Fluoranthene	<59.6	<60.7	<61.0	<60.4	100,000	500,000
Fluorene	<43.5	<44.3	<44.5	<44.1	30,000	500,000
Hexachlorobenzene	<46.3	<47.2	<47.4	<46.9	NL	NL
Hexachlorobutadiene	<43.3	<44.1	<44.3	<43.9	NL	NL
Hexachlorocyclopentadiene	<334	<341	<342	<339	NL	NL
Hexachloroethane	<48.2	<49.1	<49.3	<48.8	NL	NL
Indeno(1,2,3-cd)pyrene	<50.0	<50.9	<51.2	<50.7	500	5,600
Isophorone	<49.5	<50.4	<50.6	<50.1	NL	NL
N-Nitrosodi-n-propylamine	<32.7	<33.3	<33.4	<33.1	NL	NL
N-Nitrosodimethylamine	<68.7	<70.0	<70.3	<69.6	NL	NL
N-Nitrosodiphenylamine	<59.0	<60.1	<60.4	<59.8	NL	NL
Naphthalene	<43.5	<44.3	<44.5	<44.1	12,000	500,000
Nitrobenzene	<41.9	<42.7	<42.9	<42.4	NL	NL
Pentachlorophenol	<410	<418	<420	<416	NL	NL
Phenanthrene	<49.2	<50.2	<50.4	<49.9	100,000	500,000
Phenol	<28.2	<28.8	<28.9	<28.6	330	500,000
Pyrene	<40.0	<40.8	<41.0	<40.6	100,000	500,000
Pyridine	<62.0	<63.2	<63.5	<62.8	NL	NL
Bis(2-Chloroethoxy)methane	<44.8	<45.6	<45.8	<45.4	NL	NL
Bis(2-Chloroethyl)ether	<51.2	<52.1	<52.4	<51.9	NL	NL
Bis(2-Chloroisopropyl)ether	<39.7	<40.5	<40.6	<40.2	NL	NL
Bis(2-Ethylhexyl)phthalate	<70.9	<72.2	<72.5	<71.8	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates detected concentration exceeds the UUSCO.
Green Highlight indicates detected concentration exceeds RUCSCOs.

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<45.3	<44.5	<45.9	<48.8	NL	NL
1,2-Dichlorobenzene	<33.7	<33.1	<34.1	<36.3	1,100	500,000
1,2-Diphenylhydrazine	<32.9	<32.3	<33.3	<35.4	NL	NL
1,3-Dichlorobenzene	<36.6	<36.0	<37.1	<39.4	2,400	280,000
1,4-Dichlorobenzene	<35.5	<34.9	<36.0	<38.3	1,800	130,000
2,3,4,6-Tetrachlorophenol	<43.1	<42.4	<43.7	<46.5	NL	NL
2,4,5-Trichlorophenol	<23.6	<23.2	<24.0	<25.5	NL	NL
2,4,6-Trichlorophenol	<41.0	<40.3	<41.5	<44.1	NL	NL
2,4-Dichlorophenol	<35.7	<35.1	<36.2	<38.5	NL	NL
2,4-Dimehtylphenol	<45.5	<44.8	<46.1	<49.1	NL	NL
2,4-Dinitrophenol	<383	<377	<389	<413	NL	NL
2,4-Dinitrotoluene	<65.4	<64.2	<66.2	<70.4	NL	NL
2,6-Dinitrotoluene	<44.9	<44.1	<45.5	<48.4	NL	NL
2-Chloronaphthalene	<52.5	<51.6	<53.2	<56.6	NL	NL
2-Chlorophenol	<52.5	<51.6	<53.2	<56.6	NL	NL
2-Methylnaphthalene	<43.2	<42.5	<43.8	<46.6	NL	NL
2-Methylphenol	<39.0	<38.3	<39.5	<42.0	NL	NL
2-Nitroaniline	<56.8	<55.8	<57.5	<61.2	NL	NL
2-Nitrophenol	<33.1	<32.5	<33.6	<35.7	NL	NL
3+4-Methylphenol	<33.7	<33.1	<34.1	<36.3	NL	NL
3,3-Dichlorobenzidine	<52.5	<51.6	<53.2	<56.6	NL	NL
3-Nitroaniline	<18.7	<18.4	<19.0	<20.2	NL	NL
4,6-Dinitro-2-methylphenol	<476	<468	<482	<513	NL	NL
4-Bromophenyl Phenyl Ether	<49.5	<48.6	<50.1	<53.3	NL	NL
4-Chloro-3-methylphenol	<40.6	<39.9	<41.2	<43.8	NL	NL
4-Chloroaniline	<41.5	<40.8	<42.1	<44.7	NL	NL
4-Chlorophenyl Phenyl Ether	<42.4	<41.6	<42.9	<45.7	NL	NL
4-Nitroaniline	<107	<105	<108	<115	NL	NL
4-Nitrophenol	<727	<714	<736	<783	NL	NL
Acenaphthene	<45.9	<45.1	<46.5	<49.4	98,000	500,000
Acenaphthylene	<37.5	<36.8	<38.0	<40.4	100,000	500,000
Aniline	<33.9	<33.3	<34.3	<36.5	NL	NL
Anthracene	<48.5	<47.6	<49.1	<52.2	100,000	500,000
Benzidine	<956	<940	<969	<1,030	NL	NL
Benz(a)anthracene	<46.1	<45.3	<46.7	101	1,000	5,600
Benzo(a)pyrene	<56.8	<55.8	<57.5	95.1	1,000	1,000
Benzo(b)fluoranthene	<45.2	<44.4	<45.8	92.7	1,000	5,600
Benzo(g,h,i)perylene	<83.2	<81.8	<84.3	<89.7	100,000	500,000
Benzo(k)fluoranthene	<82.9	<81.5	<84.0	106	800	56,000

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Benzoic acid	<6,380	<6,270	<6,470	<6,880	NL	NL
Benzyl Alcohol	<64.3	<63.2	<65.1	<69.2	NL	NL
Butyl Benzyl Phthalate	<57.5	<56.5	<58.3	<62.0	NL	NL
Carbazole	<62.7	<61.7	<63.6	<67.6	NL	NL
Chrysene	<57.6	<56.6	<58.4	147	1,000	560,000
Cresols	<72.7	<71.4	<73.6	<78.3	330	500,000
Di-n-butyl phthalate	<61.3	<60.3	<62.1	<66.1	NL	NL
Di-n-octyl phthalate	<53.6	<52.7	<54.3	<57.7	NL	NL
Dibenz(a,h)anthracene	<60.8	<59.7	<61.6	<65.5	330	560
Dibenzofuran	<36.4	<35.8	<36.9	<39.2	NL	NL
Diethyl phthalate	<71.2	<70.0	<72.2	<76.8	NL	NL
Dimethyl phthalate	<52.6	<51.7	<53.3	<56.7	NL	NL
Fluoranthene	<60.0	<59.0	<60.8	305	100,000	500,000
Fluorene	<43.8	<43.0	<44.4	<47.2	30,000	500,000
Hexachlorobenzene	<46.6	<45.8	<47.2	<50.2	NL	NL
Hexachlorobutadiene	<43.6	<42.8	<44.2	<46.9	NL	NL
Hexachlorocyclopentadiene	<337	<331	<341	<363	NL	NL
Hexachloroethane	<48.5	<47.6	<49.1	<52.2	NL	NL
Indeno(1,2,3-cd)pyrene	<50.3	<49.5	<51.0	<54.2	500	5,600
Isophorone	<49.8	<48.9	<50.4	<53.6	NL	NL
N-Nitrosodi-n-propylamine	<32.9	<32.3	<33.3	<35.4	NL	NL
N-Nitrosodimethylamine	<69.2	<68.0	<70.1	<74.5	NL	NL
N-Nitrosodiphenylamine	<59.4	<58.4	<60.2	<64.0	NL	NL
Naphthalene	<43.8	<43.0	<44.4	<47.2	12,000	500,000
Nitrobenzene	<42.2	<41.4	<42.7	<45.4	NL	NL
Pentachlorophenol	<413	<406	<418	<445	NL	NL
Phenanthrene	<49.6	<48.7	<50.2	110	100,000	500,000
Phenol	<28.4	<27.9	<28.8	<30.6	330	500,000
Pyrene	<40.3	<39.6	<40.8	238	100,000	500,000
Pyridine	<62.4	<61.3	<63.2	<67.3	NL	NL
Bis(2-Chloroethoxy)methane	<45.1	<44.3	<45.7	<48.6	NL	NL
Bis(2-Chloroethyl)ether	<51.5	<50.6	<52.2	<55.5	NL	NL
Bis(2-Chloroisopropyl)ether	<40.0	<39.3	<40.5	<43.1	NL	NL
Bis(2-Ethylhexyl)phthalate	<71.4	<70.1	<72.3	<76.9	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates detected concentration exceeds the UUSCO.
Green Highlight indicates detected concentration exceeds RUCSCOs.

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<45.0	<45.9	<46.1	<45.6	NL	NL
1,2-Dichlorobenzene	<33.4	<34.1	<34.2	<33.9	1,100	500,000
1,2-Diphenylhydrazine	<32.7	<33.3	<33.4	<33.1	NL	NL
1,3-Dichlorobenzene	<36.4	<37.0	<37.2	<36.8	2,400	280,000
1,4-Dichlorobenzene	<35.3	<35.9	<36.1	<35.7	1,800	130,000
2,3,4,6-Tetrachlorophenol	<42.9	<43.7	<43.9	<43.4	NL	NL
2,4,5-Trichlorophenol	<23.5	<23.9	<24.0	<23.8	NL	NL
2,4,6-Trichlorophenol	<40.7	<41.5	<41.6	<41.2	NL	NL
2,4-Dichlorophenol	<35.5	<36.2	<36.3	<36.0	NL	NL
2,4-Dimehtylphenol	<45.2	<46.1	<46.3	<45.8	NL	NL
2,4-Dinitrophenol	<381	<388	<390	<386	NL	NL
2,4-Dinitrotoluene	<64.9	<66.2	<66.4	<65.8	NL	NL
2,6-Dinitrotoluene	<44.6	<45.4	<45.6	<45.2	NL	NL
2-Chloronaphthalene	<52.2	<53.1	<53.4	<52.9	NL	NL
2-Chlorophenol	<52.2	<53.1	<53.4	<52.9	NL	NL
2-Methylnaphthalene	<43.0	<43.8	<44.0	<43.5	NL	NL
2-Methylphenol	<38.7	<39.5	<39.6	<39.3	NL	NL
2-Nitroaniline	<56.4	<57.4	<57.7	<57.1	NL	NL
2-Nitrophenol	<32.9	<33.5	<33.7	<33.3	NL	NL
3+4-Methylphenol	<33.4	<34.1	<34.2	<33.9	NL	NL
3,3-Dichlorobenzidine	<52.2	<53.1	<53.4	<52.9	NL	NL
3-Nitroaniline	<18.6	<19.0	<19.0	<18.9	NL	NL
4,6-Dinitro-2-methylphenol	<473	<482	<484	<479	NL	NL
4-Bromophenyl Phenyl Ether	<49.1	<50.1	<50.3	<49.8	NL	NL
4-Chloro-3-methylphenol	<40.4	<41.1	<41.3	<40.9	NL	NL
4-Chloroaniline	<41.2	<42.0	<42.2	<41.8	NL	NL
4-Chlorophenyl Phenyl Ether	<42.1	<42.9	<43.1	<42.7	NL	NL
4-Nitroaniline	<106	<108	<108	<107	NL	NL
4-Nitrophenol	<722	<735	<739	<731	NL	NL
Acenaphthene	<45.6	<46.4	<46.6	<46.2	98,000	500,000
Acenaphthylene	<37.2	<37.9	<38.1	<37.7	100,000	500,000
Aniline	<33.7	<34.3	<34.4	<34.1	NL	NL
Anthracene	<48.2	<49.1	<49.3	<48.8	100,000	500,000
Benzidine	<950	<968	<972	<963	NL	NL
Benz(a)anthracene	<45.8	<46.6	<46.8	<46.4	1,000	5,600
Benzo(a)pyrene	<56.4	<57.4	<57.7	<57.1	1,000	1,000
Benzo(b)fluoranthene	<44.9	<45.8	<46.0	<45.5	1,000	5,600
Benzo(g,h,i)perylene	<82.7	<84.2	<84.6	<83.8	100,000	500,000
Benzo(k)fluoranthene	<82.4	<83.9	<84.3	<83.4	800	56,000

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Benzoic acid	<6,340	<6,460	<6,490	<6,430	NL	NL
Benzyl Alcohol	<63.9	<65.0	<65.3	<64.7	NL	NL
Butyl Benzyl Phthalate	<57.1	<58.2	<58.5	<57.9	NL	NL
Carbazole	<62.3	<63.5	<63.8	<63.2	NL	NL
Chrysene	<57.3	<58.3	<58.6	<58.0	1,000	560,000
Cresols	<72.1	<73.6	<73.8	<73.2	330	500,000
Di-n-butyl phthalate	<60.9	<62.1	<62.3	<61.7	NL	NL
Di-n-octyl phthalate	<53.2	<54.2	<54.5	<53.9	NL	NL
Dibenz(a,h)anthracene	<60.4	<61.5	<61.8	<61.2	330	560
Dibenzofuran	<36.1	<36.8	<37.0	<36.6	NL	NL
Diethyl phthalate	<70.8	<72.1	<72.4	<71.7	NL	NL
Dimethyl phthalate	<52.3	<53.3	<53.5	<53.0	NL	NL
Fluoranthene	<59.6	<60.7	<61.0	<60.4	100,000	500,000
Fluorene	<43.5	<44.3	<44.5	<44.1	30,000	500,000
Hexachlorobenzene	<46.3	<47.2	<47.4	<46.9	NL	NL
Hexachlorobutadiene	<43.3	<44.1	<44.3	<43.9	NL	NL
Hexachlorocyclopentadiene	<334	<341	<342	<339	NL	NL
Hexachloroethane	<48.2	<49.1	<49.3	<48.8	NL	NL
Indeno(1,2,3-cd)pyrene	<50.0	<50.9	<51.2	<50.7	500	5,600
Isophorone	<49.5	<50.4	<50.6	<50.1	NL	NL
N-Nitrosodi-n-propylamine	<32.7	<33.3	<33.4	<33.1	NL	NL
N-Nitrosodimethylamine	<68.7	<70.0	<70.3	<69.6	NL	NL
N-Nitrosodiphenylamine	<59.0	<60.1	<60.4	<59.8	NL	NL
Naphthalene	<43.5	<44.3	<44.5	<44.1	12,000	500,000
Nitrobenzene	<41.9	<42.7	<42.9	<42.4	NL	NL
Pentachlorophenol	<410	<418	<420	<416	NL	NL
Phenanthrene	<49.2	<50.2	<50.4	<49.9	100,000	500,000
Phenol	<28.2	<28.8	<28.9	<28.6	330	500,000
Pyrene	<40.0	<40.8	<41.0	<40.6	100,000	500,000
Pyridine	<62.0	<63.2	<63.5	<62.8	NL	NL
Bis(2-Chloroethoxy)methane	<44.8	<45.6	<45.8	<45.4	NL	NL
Bis(2-Chloroethyl)ether	<51.2	<52.1	<52.4	<51.9	NL	NL
Bis(2-Chloroisopropyl)ether	<39.7	<40.5	<40.6	<40.2	NL	NL
Bis(2-Ethylhexyl)phthalate	<70.9	<72.2	<72.5	<71.8	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates detected concentration exceeds the UUSCO.
Green Highlight indicates detected concentration exceeds RUCSCOs.

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
1,2,4-Trichlorobenzene	<45.3	<44.5	<45.9	<48.8	NL	NL
1,2-Dichlorobenzene	<33.7	<33.1	<34.1	<36.3	1,100	500,000
1,2-Diphenylhydrazine	<32.9	<32.3	<33.3	<35.4	NL	NL
1,3-Dichlorobenzene	<36.6	<36.0	<37.1	<39.4	2,400	280,000
1,4-Dichlorobenzene	<35.5	<34.9	<36.0	<38.3	1,800	130,000
2,3,4,6-Tetrachlorophenol	<43.1	<42.4	<43.7	<46.5	NL	NL
2,4,5-Trichlorophenol	<23.6	<23.2	<24.0	<25.5	NL	NL
2,4,6-Trichlorophenol	<41.0	<40.3	<41.5	<44.1	NL	NL
2,4-Dichlorophenol	<35.7	<35.1	<36.2	<38.5	NL	NL
2,4-Dimehtylphenol	<45.5	<44.8	<46.1	<49.1	NL	NL
2,4-Dinitrophenol	<383	<377	<389	<413	NL	NL
2,4-Dinitrotoluene	<65.4	<64.2	<66.2	<70.4	NL	NL
2,6-Dinitrotoluene	<44.9	<44.1	<45.5	<48.4	NL	NL
2-Chloronaphthalene	<52.5	<51.6	<53.2	<56.6	NL	NL
2-Chlorophenol	<52.5	<51.6	<53.2	<56.6	NL	NL
2-Methylnaphthalene	<43.2	<42.5	<43.8	<46.6	NL	NL
2-Methylphenol	<39.0	<38.3	<39.5	<42.0	NL	NL
2-Nitroaniline	<56.8	<55.8	<57.5	<61.2	NL	NL
2-Nitrophenol	<33.1	<32.5	<33.6	<35.7	NL	NL
3+4-Methylphenol	<33.7	<33.1	<34.1	<36.3	NL	NL
3,3-Dichlorobenzidine	<52.5	<51.6	<53.2	<56.6	NL	NL
3-Nitroaniline	<18.7	<18.4	<19.0	<20.2	NL	NL
4,6-Dinitro-2-methylphenol	<476	<468	<482	<513	NL	NL
4-Bromophenyl Phenyl Ether	<49.5	<48.6	<50.1	<53.3	NL	NL
4-Chloro-3-methylphenol	<40.6	<39.9	<41.2	<43.8	NL	NL
4-Chloroaniline	<41.5	<40.8	<42.1	<44.7	NL	NL
4-Chlorophenyl Phenyl Ether	<42.4	<41.6	<42.9	<45.7	NL	NL
4-Nitroaniline	<107	<105	<108	<115	NL	NL
4-Nitrophenol	<727	<714	<736	<783	NL	NL
Acenaphthene	<45.9	<45.1	<46.5	<49.4	98,000	500,000
Acenaphthylene	<37.5	<36.8	<38.0	<40.4	100,000	500,000
Aniline	<33.9	<33.3	<34.3	<36.5	NL	NL
Anthracene	<48.5	<47.6	<49.1	<52.2	100,000	500,000
Benzidine	<956	<940	<969	<1,030	NL	NL
Benz(a)anthracene	<46.1	<45.3	<46.7	101	1,000	5,600
Benzo(a)pyrene	<56.8	<55.8	<57.5	95.1	1,000	1,000
Benzo(b)fluoranthene	<45.2	<44.4	<45.8	92.7	1,000	5,600
Benzo(g,h,i)perylene	<83.2	<81.8	<84.3	<89.7	100,000	500,000
Benzo(k)fluoranthene	<82.9	<81.5	<84.0	106	800	56,000

TABLE 4 SUMMARY OF SOIL ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270						
Compound+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Benzoic acid	<6,380	<6,270	<6,470	<6,880	NL	NL
Benzyl Alcohol	<64.3	<63.2	<65.1	<69.2	NL	NL
Butyl Benzyl Phthalate	<57.5	<56.5	<58.3	<62.0	NL	NL
Carbazole	<62.7	<61.7	<63.6	<67.6	NL	NL
Chrysene	<57.6	<56.6	<58.4	147	1,000	560,000
Cresols	<72.7	<71.4	<73.6	<78.3	330	500,000
Di-n-butyl phthalate	<61.3	<60.3	<62.1	<66.1	NL	NL
Di-n-octyl phthalate	<53.6	<52.7	<54.3	<57.7	NL	NL
Dibenz(a,h)anthracene	<60.8	<59.7	<61.6	<65.5	330	560
Dibenzofuran	<36.4	<35.8	<36.9	<39.2	NL	NL
Diethyl phthalate	<71.2	<70.0	<72.2	<76.8	NL	NL
Dimethyl phthalate	<52.6	<51.7	<53.3	<56.7	NL	NL
Fluoranthene	<60.0	<59.0	<60.8	305	100,000	500,000
Fluorene	<43.8	<43.0	<44.4	<47.2	30,000	500,000
Hexachlorobenzene	<46.6	<45.8	<47.2	<50.2	NL	NL
Hexachlorobutadiene	<43.6	<42.8	<44.2	<46.9	NL	NL
Hexachlorocyclopentadiene	<337	<331	<341	<363	NL	NL
Hexachloroethane	<48.5	<47.6	<49.1	<52.2	NL	NL
Indeno(1,2,3-cd)pyrene	<50.3	<49.5	<51.0	<54.2	500	5,600
Isophorone	<49.8	<48.9	<50.4	<53.6	NL	NL
N-Nitrosodi-n-propylamine	<32.9	<32.3	<33.3	<35.4	NL	NL
N-Nitrosodimethylamine	<69.2	<68.0	<70.1	<74.5	NL	NL
N-Nitrosodiphenylamine	<59.4	<58.4	<60.2	<64.0	NL	NL
Naphthalene	<43.8	<43.0	<44.4	<47.2	12,000	500,000
Nitrobenzene	<42.2	<41.4	<42.7	<45.4	NL	NL
Pentachlorophenol	<413	<406	<418	<445	NL	NL
Phenanthrene	<49.6	<48.7	<50.2	110	100,000	500,000
Phenol	<28.4	<27.9	<28.8	<30.6	330	500,000
Pyrene	<40.3	<39.6	<40.8	238	100,000	500,000
Pyridine	<62.4	<61.3	<63.2	<67.3	NL	NL
Bis(2-Chloroethoxy)methane	<45.1	<44.3	<45.7	<48.6	NL	NL
Bis(2-Chloroethyl)ether	<51.5	<50.6	<52.2	<55.5	NL	NL
Bis(2-Chloroisopropyl)ether	<40.0	<39.3	<40.5	<43.1	NL	NL
Bis(2-Ethylhexyl)phthalate	<71.4	<70.1	<72.3	<76.9	NL	NL

+ - Concentration reported in parts per billion (ppb).
* - Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates detected concentration exceeds the UUSCO.
Green Highlight indicates detected concentration exceeds RUCSCOs.

TABLE 5 SUMMARY OF SOIL ANALYTICAL RESULTS PESTICIDES and PCBs via EPA METHOD 8082/8081						
Constituent+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
Alpha-BHC	<0.74	<0.76	<0.74	<0.76	20	3,400
Gamma-BHC (Lindane)	<0.93	<0.95	<0.93	<0.95	100	9,200
Beta-BHC	<0.61	<0.62	<0.61	<0.62	36	3,000
Delta-BHC	<1.27	<1.29	<1.27	<1.29	40	500,000
Heptachlor	<1.04	<1.06	<1.04	<1.07	42	15,000
Aldrin	<1.18	<1.20	<1.18	<1.20	5	680
Heptachlor epoxide	<1.11	<1.13	<1.11	<1.13	NL	NL
Chlordane (gamma)	15.8	<1.21	10	6.58	NL	NL
Chlordane (alpha)	22.2	<1.02	9.07	<1.02	94	24,000
4,4'-DDE	**161**	**9.17**	**12.8**	**8.03**	3.3[2]	62,000
Endosulfan I	<1.14	<1.17	<1.15	<1.17	2,400[1]	200,000[1]
Dieldrin	<1.28	<1.30	<1.28	<1.31	5	1,400
Endrin	<1.15	<1.18	<1.16	<1.18	14	89,000
4,4'-DDD	<0.50	<0.51	10.4	<0.52	3.3[2]	92,000
Endosulfan II	<0.91	<0.93	<0.91	<0.93	2,400[1]	200,000[1]
4,4'-DDT	**272**	<0.62	**14.5**	<0.62	3.3[2]	47,000
Endosulfan Sulfate	<0.81	<0.82	<0.81	<0.82	2,400[1]	200,000[1]
Endrin Aldehyde	<0.84	<0.86	22.1	<0.86	NL	NL
Methoxychlor	<0.99	<1.01	<0.99	<1.01	NL	NL
Endrin Ketone	<1.07	<1.09	<1.07	<1.09	NL	NL
Toxaphene	<40.9	<41.8	<41.0	<41.8	NL	NL
Chlordane	<7.80	<7.96	<7.82	<7.97	NL	NL
PCB 1016	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1221	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1232	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1242	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1248	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1254	<17.8	<18.2	<17.9	<18.2	100	1,000
PCB 1260	<12.4	<12.7	<12.5	<12.7	100	1,000

+ - Concentration reported in parts per billion (ppb).
NL – No SCO listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
* - Unrestricted Use Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
<Value – No detected above the Method Detection Limit (MDL).
Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.
Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
[2] – For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

TABLE 5 SUMMARY OF SOIL ANALYTICAL RESULTS PESTICIDES and PCBs via EPA METHOD 8082/8081						
Constituent+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Alpha-BHC	<0.71	<0.73	<0.73	<0.72	20	3,400
Gamma-BHC (Lindane)	<0.90	<0.92	<0.92	<0.91	100	9,200
Beta-BHC	<0.58	<0.60	<0.60	<0.59	36	3,000
Delta-BHC	<1.22	<1.25	<1.25	<1.24	40	500,000
Heptachlor	<1.01	<1.03	<1.03	<1.02	42	15,000
Aldrin	<1.14	<1.16	<1.16	<1.15	5	680
Heptachlor epoxide	<1.07	<1.09	<1.10	<1.09	NL	NL
Chlordane (gamma)	<1.15	<1.17	<1.17	<1.16	NL	NL
Chlordane (alpha)	<0.96	<0.98	<0.99	<0.98	94	24,000
4,4'-DDE	<1.16	<1.18	<1.18	<1.17	3.3[2]	62,000
Endosulfan I	<1.10	<1.12	<1.13	<1.12	2,400[1]	200,000[1]
Dieldrin	<1.23	<1.26	<1.26	<1.25	5	1,400
Endrin	<1.11	<1.14	<1.14	<1.13	14	89,000
4,4'-DDD	<0.49	<0.50	<0.50	<0.49	3.3[2]	92,000
Endosulfan II	<0.88	<0.89	<0.90	<0.89	2,400[1]	200,000[1]
4,4'-DDT	<0.58	<0.60	<0.60	<0.59	3.3[2]	47,000
Endosulfan Sulfate	<0.78	<0.79	<0.80	<0.79	2,400[1]	200,000[1]
Endrin Aldehyde	<0.81	<0.83	<0.83	<0.82	NL	NL
Methoxychlor	<0.95	<0.97	<0.97	<0.96	NL	NL
Endrin Ketone	<1.03	<1.05	<1.05	<1.04	NL	NL
Toxaphene	<39.5	<40.2	<40.4	<40.0	NL	NL
Chlordane	<7.53	<7.67	<7.71	<7.63	NL	NL
PCB 1016	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1221	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1232	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1242	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1248	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1254	<17.2	<17.5	<17.6	<17.4	100	1,000
PCB 1260	<12.0	<12.2	<12.3	<12.2	100	1,000

+ - Concentration reported in parts per billion (ppb).
NL – No SCO listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
* - Unrestricted Use Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
<Value – No detected above the Method Detection Limit (MDL).
Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.
Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
[2] – For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

TABLE 5 SUMMARY OF SOIL ANALYTICAL RESULTS PESTICIDES and PCBs via EPA METHOD 8082/8081						
Constituent+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Alpha-BHC	<0.72	<0.71	<0.73	<0.77	20	3,400
Gamma-BHC (Lindane)	<0.90	<0.89	<0.92	<0.97	100	9,200
Beta-BHC	<0.59	<0.58	<0.60	<0.63	36	3,000
Delta-BHC	<1.23	<1.21	<1.25	<1.33	40	500,000
Heptachlor	<1.01	<1.00	<1.03	<1.09	42	15,000
Aldrin	<1.14	<1.12	<1.16	<1.23	5	680
Heptachlor epoxide	<1.08	<1.06	<1.09	<1.16	NL	NL
Chlordane (gamma)	<1.15	<1.13	<1.17	<1.24	NL	NL
Chlordane (alpha)	<0.97	<0.95	<0.98	<1.04	94	24,000
4,4'-DDE	<1.17	<1.15	<1.18	<1.26	3.3[2]	62,000
Endosulfan I	<1.11	<1.09	<1.13	<1.20	2,400[1]	200,000[1]
Dieldrin	<1.24	<1.22	<1.26	<1.34	5	1,400
Endrin	<1.12	<1.10	<1.14	<1.21	14	89,000
4,4'-DDD	<0.49	<0.48	<0.50	<0.53	3.3[2]	92,000
Endosulfan II	<0.88	<0.87	<0.89	<0.95	2,400[1]	200,000[1]
4,4'-DDT	<0.59	<0.58	<0.60	<0.63	3.3[2]	47,000
Endosulfan Sulfate	<0.78	<0.77	<0.79	<0.85	2,400[1]	200,000[1]
Endrin Aldehyde	<0.82	<0.80	<0.83	<0.88	NL	NL
Methoxychlor	<0.96	<0.94	<0.97	<1.03	NL	NL
Endrin Ketone	<1.03	<1.02	<1.05	<1.12	NL	NL
Toxaphene	<39.8	<39.1	<40.3	<42.8	NL	NL
Chlordane	<7.58	<7.45	<7.68	<8.17	NL	NL
PCB 1016	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1221	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1232	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1242	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1248	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1254	<17.3	<17.0	<17.5	<18.7	100	1,000
PCB 1260	<12.1	<11.9	435	<13.0	100	1,000

+ - Concentration reported in parts per billion (ppb).
NL – No SCO listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
* - Unrestricted Use Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Soil Cleanup objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
<Value – No detected above the Method Detection Limit (MDL).
Yellow highlight indicates detected concentration exceeds UUSCO.
Green highlight indicates detected concentration exceeds RUCSCO.
Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
[2] – For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

TABLE 6 SUMMARY OF SOIL ANALYTICAL RESULTS TAL METALS / MERCURY via EPA METHOD 6010/7471						
Constituent+	**SSB-1 0-2 ft.**	**SSB-2 0-2 ft.**	**SSB-3 0-2 ft.**	**SSB-4 0-2 ft.**	**UUSCO***	**RUCSCO****
Mercury	**0.46**	**0.71**	**0.46**	**0.26**	0.18	2.8
Aluminum	3,950	5,110	4,790	6,130	NL	NL
Antimony	<0.47	<0.57	<0.53	<0.51	NL	NL
Arsenic	8.71	6.64	3.99	0.7	13	16
Barium	147	184	129	99.5	350	400
Beryllium	0.46	0.62	0.54	0.75	7.2	590
Cadmium	<0.021	<0.025	0.083	<0.023	2.5	9.3
Calcium	46,900	24,100	11,000	3,400	NL	NL
Chromium	10.2	13.8	13	26.2	30	1,500
Cobalt	3	4.33	4.58	6.31	NL	NL
Copper	22.8	32.7	47.1	26.8	50	270
Iron	8,960	12,700	11,500	17,900	NL	NL
Lead	**254**	**485**	**237**	**206**	63	1,000
Magnesium	14,600	1,610	2,390	4,350	NL	NL
Manganese	159	221	200	177	1,600	10,000
Nickel	8.98	9.26	11.5	15.3	30	310
Potassium	607	501	887	810	NL	NL
Selenium	<0.34	<0.41	<0.38	<0.37	3.9	1,500
Silver	<0.034	<0.042	<0.039	<0.038	2	1,500
Sodium	249	196	218	195	NL	NL
Thallium	10.1	6.1	4.16	7.31	NL	NL
Vanadium	22.5	20.5	22.1	26.6	NL	NL
Zinc	85.4	**155**	**156**	63.8	109	10,000

+ - Concentration reported in parts per million (ppm).
* - Unrestricted Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates concentration exceeds UUSCO.
Green highlight indicates concentration exceeds RUCSCO.

Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of Hexavalent Chromium and Trivalent Chromium.

TABLE 6 SUMMARY OF SOIL ANALYTICAL RESULTS HEAVY METALS / MERCURY via EPA METHOD 6010/7471						
Constituent+	**SSB-5 0-2 ft.**	**SSB-6 0-2 ft.**	**MLB-1 0-2 ft.**	**MLB-1 10-12 ft.**	**UUSCO***	**RUCSCO****
Mercury	0.073	0.013	0.023	<0.0067	0.18	2.8
Aluminum	4,610	4,380	4,460	5,760	NL	NL
Antimony	<0.51	<0.54	<0.51	<0.53	NL	NL
Arsenic	<0.21	2.94	<0.22	<0.23	13	16
Barium	32.5	74.5	28.8	35.9	350	400
Beryllium	0.68	0.73	0.73	0.67	7.2	590
Cadmium	<0.023	<0.024	<0.023	<0.024	2.5	9.3
Calcium	472	881	609	791	NL	NL
Chromium	11.7	13.8	14.3	23.5	30	1,500
Cobalt	5.42	5.74	5.94	7.2	NL	NL
Copper	16.6	35.9	15.4	16.9	50	270
Iron	15,500	21,400	18,500	16,100	NL	NL
Lead	52.9	**141**	8.49	4.51	63	1,000
Magnesium	1,170	1,170	1,050	2,530	NL	NL
Manganese	316	351	372	137	1,600	10,000
Nickel	8.67	**54.6**	9.22	14	30	310
Potassium	750	813	834	958	NL	NL
Selenium	<0.36	<0.39	<0.37	<0.38	3.9	1,500
Silver	<0.037	<0.040	<0.038	<0.039	2	1,500
Sodium	73.8	102	126	160	NL	NL
Thallium	1.82	5.06	3.24	1.28	NL	NL
Vanadium	23.6	28.2	28.7	27.6	NL	NL
Zinc	45.8	81	76.6	27.2	109	10,000

+ - Concentration reported in parts per million (ppm).
* - Unrestricted Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates concentration exceeds UUSCO.
Green highlight indicates concentration exceeds RUCSCO.

Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of Hexavalent Chromium and Trivalent Chromium.

TABLE 6 SUMMARY OF SOIL ANALYTICAL RESULTS HEAVY METALS / MERCURY via EPA METHOD 6010/7471						
Constituent+	**MLB-2 0-2 ft.**	**MLB-2 10-12 ft.**	**MLB-3 0-2 ft.**	**MLB-3 10-12 ft.**	**UUSCO***	**RUCSCO****
Mercury	0.065	0.0099	0.0075	<0.0067	0.18	2.8
Aluminum	4,950	3,710	3,280	2,040	NL	NL
Antimony	<0.54	<0.51	<0.52	<0.54	NL	NL
Arsenic	<0.23	<0.22	<0.22	<0.23	13	16
Barium	47.3	31.6	33.5	21.2	350	400
Beryllium	0.73	0.61	0.6	0.42	7.2	590
Cadmium	<0.024	<0.023	<0.023	<0.024	2.5	9.3
Calcium	295	1,090	313	299	NL	NL
Chromium	16.7	12.1	11.4	6.82	30	1,500
Cobalt	4.86	4.91	4.94	2.59	NL	NL
Copper	18.4	12.7	12.4	8.26	50	270
Iron	16,300	16,400	16,600	10,600	NL	NL
Lead	27.6	5.41	5.36	3.14	63	1,000
Magnesium	1130	1300	967	656	NL	NL
Manganese	208	365	434	125	1,600	10,000
Nickel	8.04	7.87	9.63	4.45	30	310
Potassium	1070	1020	708	399	NL	NL
Selenium	<0.38	<0.37	<0.37	<0.39	3.9	1,500
Silver	<0.039	<0.038	<0.038	<0.040	2	1,500
Sodium	243	121	62.3	72.4	NL	NL
Thallium	2.88	1.13	1.14	1.79	NL	NL
Vanadium	27.9	22.6	23.6	14.8	NL	NL
Zinc	38.1	24.5	28.6	27.7	109	10,000

+ - Concentration reported in parts per million (ppm).
* - Unrestricted Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
** - Restricted Use Commercial Use Soil Cleanup Objectives listed in 6 NYCRR Part 375-6: Remedial Program Soil Cleanup Objectives.
NL = No cleanup objective listed.
<Value - Not detected above method detection limit.
Yellow highlight indicates concentration exceeds UUSCO.
Green highlight indicates concentration exceeds RUCSCO.

Footnotes:
[1] – The standard, cleanup objective (SCO) is the sum of Hexavalent Chromium and Trivalent Chromium.

TABLE 7 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260				
Compound+	**MW-1**	**MW-2**	**MW-3**	**NYSDEC Groundwater Standards***
Acetone	<2.92	<2.92	<2.92	50
Carbon Tetrachloride	<0.44	<0.44	<0.44	5
Chloroform	0.64	<0.46	<0.46	7
Benzene	<0.43	<0.43	<0.43	1
1,1,1-Trichloroethane	<0.52	<0.52	<0.52	5
Bromomethane	<0.59	<0.59	<0.59	5
Chloromethane	<0.51	<0.51	<0.51	5
Dibromomethane	<0.47	<0.47	<0.47	5
Bromochloromethane	<0.53	<0.53	<0.53	5
Chloroethane	<0.94	<0.94	<0.94	5
Vinyl Chloride	<0.43	<0.43	<0.43	2
Methylene Chloride	<0.39	<0.39	**5.16**	5
Carbon Disulfide	<0.40	<0.40	<0.40	60
Bromoform	<0.37	<0.37	<0.37	50
Bromodichloromethane	<0.50	<0.50	<0.50	50
1,1-Dichloroethane	<0.30	<0.30	<0.30	5
1,1-Dichloroethene	<0.37	<0.37	<0.37	5
Tertiary Butyl Alcohol	<8.92	<8.92	<8.92	NL
Trichlorotrifluoromethane	<0.52	<0.52	<0.52	5
Dichlorodifluoromethane	<0.49	<0.49	<0.49	5
1,1,2-Trichlorotrifluoroethane	<0.47	<0.47	<0.47	5
1,2-Dichloropropane	<0.52	<0.52	<0.52	1
2-Butanone	<1.92	<1.92	<1.92	50
1,1,2-Trichloroethane	<0.51	<0.51	<0.51	1
Trichloroethene	2.99	<0.46	<0.46	5
1,1,2,2-Tetrachloroethane	<0.46	<0.46	<0.46	5
1,2,3-Trichlorobenzene	<0.36	<0.36	<0.36	5
Hexachlorobutadiene	<0.54	<0.54	<0.54	0.5
Naphthalene	<0.33	<0.33	<0.33	10
o-Xylene	<0.37	<0.37	<0.37	5
2-Chlorotoluene	<0.36	<0.36	<0.36	5
1,2,-Dichlorobenzene	<0.49	<0.49	<0.49	3
1,2,4-Trimethylbenzene	<0.44	<0.44	<0.44	5
1,2,4,5-Tetramethylbenzene	<0.35	<0.35	<0.35	5
1,2-Dibromo-3-chloropropane	<0.28	<0.28	<0.28	0.04
1,2,3-Trichloropropane	<0.54	<0.54	<0.54	0.04
tert-Butylbenzene	<0.44	<0.44	<0.44	5
Isopropylbenzene	<0.44	<0.44	<0.44	5
4-Isopropyltoluene	<0.34	<0.34	<0.34	5
Ethylbenzene	<0.41	<0.41	<0.41	5
Styrene	<0.39	<0.39	<0.39	5
n-Propylbenzene	<0.41	<0.41	<0.41	5
n-Butylbenzene	<0.43	<0.43	<0.43	5
p-Diethylbenzene	<0.39	<0.39	<0.39	NL
4-Chlorotoluene	<0.52	<0.52	<0.52	5
1,4-Dichlorobenzene	<0.40	<0.40	<0.40	3
1,2-Dibromoethane	<0.47	<0.47	<0.47	NL

TABLE 7 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8260				
Compound+	**MW-1**	**MW-2**	**MW-3**	**NYSDEC Groundwater Standards***
1,2-Dichloroethane	<0.50	<0.50	<0.50	0.6
Acrylonitrile	<7.65	<7.65	<7.65	5
4-Methyl-2-pentanone	<1.82	<1.82	<1.82	NL
m,p-Xylene	<0.86	<0.86	<0.86	5
1,3,5-Trimethylbenzene	<0.43	<0.43	<0.43	5
Bromobenzene	<0.37	<0.37	<0.37	5
Toluene	<0.45	<0.45	<0.45	5
Chlorobenzene	<0.48	<0.48	<0.48	5
2-Chloroethylvinylether	<0.50	<0.50	<0.50	NL
1,2,4-Trichlorobenzene	<0.45	<0.45	<0.45	5
Dibromochloromethane	<0.43	<0.43	<0.43	50
Tetrachloroethene	2.02	**6.88**	<0.59	5
sec-Butylbenzene	<0.36	<0.36	<0.36	5
1,3-Dichloropropane	<0.46	<0.46	<0.46	5
cis-1,2-Dichloroethene	2.43	<0.42	<0.42	5
trans-1,2-Dichloroethene	<0.27	<0.27	<0.27	5
1,3-Dichlorobenzene	<0.38	<0.38	<0.38	3
1,1-Dichloropropene	<0.36	<0.36	<0.36	5
2,2-Dichloropropane	<0.59	<0.59	<0.59	5
2-Hexanone	<2.23	<2.23	<2.23	50
p-Ethyltoluene	<0.39	<0.39	<0.39	NL
1,1,1,2-Tetrachloroethane	<0.42	<0.42	<0.42	5
TAME	<0.77	<0.77	<0.77	NL
MTBE	<0.50	<0.50	<0.50	10
cis-1,3-Dichloropropene	<0.52	<0.52	<0.52	0.4
trans-1,3-Dichloropropene	<0.37	<0.37	<0.37	0.4

+ - Concentrations reported in parts per billion (ppb).
* - Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1.
NL = No groundwater standard listed.
J = Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
E = The concentration of the analyte exceeded the calibration range of the instrument.

TABLE 8 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270				
Compound+	**MW-1**	**MW-2**	**MW-3**	**NYSDEC Groundwater Standards***
1,2,4-Trichlorobenzene	<0.92	<0.92	<0.92	5
1,2-Dichlorobenzene	<0.71	<0.71	<0.71	3
1,2-Diphenylhydrazine	<0.87	<0.87	<0.87	ND
1,3-Dichlorobenzene	<0.82	<0.82	<0.82	3
1,4-Dichlorobenzene	<0.74	<0.74	<0.74	3
2,3,4,6-Tetrachlorophenol	<1.07	<1.07	<1.07	NL
2,4,5-Trichlorophenol	<0.59	<0.59	<0.59	NL
2,4,6-Trichlorophenol	<0.75	<0.75	<0.75	NL
2,4-Dichlorophenol	<0.98	<0.98	<0.98	5
2,4-Dimehtylphenol	<1.03	<1.03	<1.03	50
2,4-Dinitrophenol	<4.51	<4.51	<4.51	10
2,4-Dinitrotoluene	<0.62	<0.62	<0.62	5
2,6-Dinitrotoluene	<0.98	<0.98	<0.98	5
2-Chloronaphthalene	<0.92	<0.92	<0.92	10
2-Chlorophenol	<0.63	<0.63	<0.63	NL
2-Methylnaphthalene	<0.82	<0.82	<0.82	NL
2-Methylphenol	<0.50	<0.50	<0.50	NL
2-Nitroaniline	<0.77	<0.77	<0.77	5
2-Nitrophenol	<1.03	<1.03	<1.03	NL
3+4-Methylphenol	<0.17	<0.17	<0.17	NL
3,3-Dichlorobenzidine	<0.68	<0.68	<0.68	5
3-Nitroaniline	<0.60	<0.60	<0.60	5
4,6-Dinitro-2-methylphenol	<0.82	<0.82	<0.82	NL
4-Bromophenyl Phenyl Ether	<0.85	<0.85	<0.85	NL
4-Chloro-3-methylphenol	<0.53	<0.53	<0.53	NL
4-Chloroaniline	<0.47	<0.47	<0.47	5
4-Chlorophenyl Phenyl Ether	<0.92	<0.92	<0.92	NL
4-Nitroaniline	<1.07	<1.07	<1.07	5
4-Nitrophenol	<2.04	<2.04	<2.04	NL
Acenaphthene	<1.02	<1.02	<1.02	20
Acenaphthylene	<0.93	<0.93	<0.93	NL
Aniline	<0.23	<0.23	<0.23	5
Anthracene	<0.84	<0.84	<0.84	50
Benzidine	<28.5	<28.5	<28.5	5
Benzo(a)anthracene	<1.03	<1.03	<1.03	0.002
Benzo(a)pyrene	<0.91	<0.91	<0.91	ND
Benzo(b)fluoranthene	<0.92	<0.92	<0.92	0.002
Benzo(g,h,i)perylene	<1.05	<1.05	<1.05	NL
Benzo(k)fluoranthene	<1.00	<1.00	<1.00	0.002
Benzoic acid	<10.3	<10.3	<10.3	NL
Benzyl Alcohol	<0.48	<0.48	<0.48	NL
Butyl Benzyl Phthalate	<1.33	<1.33	<1.33	50
Carbazole	<1.08	<1.08	<1.08	NL
Chrysene	<0.95	<0.95	<0.95	0.002
Cresols	<0.67	<0.67	<0.67	NL
Di-n-butyl phthalate	<0.97	<0.97	<0.97	50
Di-n-octyl phthalate	<1.11	<1.11	<1.11	50
Dibenz(a,h)anthracene	<0.87	<0.87	<0.87	NL
Dibenzofuran	<0.80	<0.80	<0.80	NL

TABLE 8 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS SEMI-VOLATILE ORGANIC COMPOUNDS via EPA METHOD 8270				
Compound+	**MW-1**	**MW-2**	**MW-3**	**NYSDEC Groundwater Standards***
Diethyl phthalate	<1.07	<1.07	<1.07	20
Dimethyl phthalate	<1.02	<1.02	<1.02	50
Fluoranthene	<0.86	<0.86	<0.86	50
Fluorene	<0.91	<0.91	<0.91	50
Hexachlorobenzene	<0.73	<0.73	<0.73	0.04
Hexachlorobutadiene	<1.05	<1.05	<1.05	0.5
Hexachlorocyclopentadiene	<0.38	<0.38	<0.38	5
Hexachloroethane	<0.99	<0.99	<0.99	5
Indeno(1,2,3-cd)pyrene	<0.95	<0.95	<0.95	0.002
Isophorone	<0.70	<0.70	<0.70	50
N-Nitrosodi-n-propylamine	<0.74	<0.74	<0.74	NL
N-Nitrosodimethylamine	<0.73	<0.73	<0.73	NL
N-Nitrosodiphenylamine	<1.10	<1.10	<1.10	50
Naphthalene	<0.87	<0.87	<0.87	10
Nitrobenzene	<0.91	<0.91	<0.91	0.4
Pentachlorophenol	<0.81	<0.81	<0.81	1
Phenanthrene	<0.90	<0.90	<0.90	50
Phenol	<0.25	<0.25	<0.25	1
Pyrene	<1.01	<1.01	<1.01	50
Pyridine	<0.37	<0.37	<0.37	50
Bis(2-Chloroethoxy)methane	<0.95	<0.95	<0.95	5
Bis(2-Chloroethyl)ether	<0.57	<0.57	<0.57	1
Bis(2-Chloroisopropyl)ether	<0.77	<0.77	<0.77	5
Bis(2-Ethylhexyl)phthalate	<1.44	<1.44	<1.44	5

+ - Concentrations reported in parts per billion (ppb).
* - Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1.
NL = No groundwater standard listed.
ND = Not detected above method detection limit.
J = Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
E = The concentration of the analyte exceeded the calibration range of the instrument.

TABLE 9 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS PESTICIDES and PCBs via EPA METHOD 8082/8081				
Constituent+	**MW-1**	**MW-2**	**MW-3**	**NYSDEC Groundwater Standard***
Alpha-BHC	<0.00092	<0.00092	<0.00092	0.01
Gamma-BHC (Lindane)	<0.00089	<0.00089	<0.00089	0.05
Beta-BHC	<0.0015	<0.0015	<0.0015	0.04
Delta-BHC	<0.0013	<0.0013	<0.0013	0.04
Heptachlor	<0.0012	<0.0012	<0.0012	0.04
Aldrin	<0.0011	<0.0011	<0.0011	ND
Heptachlor epoxide	<0.0013	<0.0013	<0.0013	0.03
Chlordane (gamma)	<0.0013	<0.0013	<0.0013	0.05
Chlordane (alpha)	<0.0012	<0.0012	<0.0012	0.05
4,4'-DDE	<0.0015	<0.0015	<0.0015	NL
Endosulfan I	<0.0013	<0.0013	<0.0013	NL
Dieldrin	<0.0011	<0.0011	<0.0011	ND
Endrin	<0.0014	<0.0014	<0.0014	ND
4,4'-DDD	<0.0013	<0.0013	<0.0013	NL
Endosulfan II	<0.0015	<0.0015	<0.0015	NL
4,4'-DDT	<0.0014	<0.0014	<0.0014	NL
Endosulfan Sulfate	<0.0014	<0.0014	<0.0014	NL
Endrin Aldehyde	<0.0010	<0.0010	<0.0010	5
Methoxychlor	<0.0014	<0.0014	<0.0014	35
Endrin Ketone	<0.0014	<0.0014	<0.0014	5
Toxaphene	<0.39	<0.39	<0.39	0.06
Chlordane	<0.012	<0.012	<0.012	0.05
PCB 1016	<0.074	<0.074	<0.074	0.09
PCB 1221	<0.090	<0.090	<0.090	0.09
PCB 1232	<0.090	<0.090	<0.090	0.09
PCB 1242	<0.090	<0.090	<0.090	0.09
PCB 1248	<0.090	<0.090	<0.090	0.09
PCB 1254	<0.090	<0.090	<0.090	0.09
PCB 1260	<0.10	<0.10	<0.10	0.09

Concentrations are reported in parts per billion (ppb / ug/L).

* - Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1.

NL = No groundwater standard listed.

ND = Non-detectable above laboratory analytical method detection limit.

TABLE 10 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS TAL METALS / MERCURY via EPA METHOD 6010/7471				
Constituent+	**MW-1 Unfiltered**	**MW-2 Unfiltered**	**MW-3 Unfiltered**	**Groundwater Standard / Guidance Value***
Mercury	0.085	0.085	0.18	0.7
Aluminum	1,680	340	2,330	NL
Antimony	<9.0	<9.0	<9.0	3
Arsenic	<3.8	<3.8	**110**	25
Barium	130	25.0	300	1,000
Beryllium	<1.0	<1.0	<1.0	3
Cadmium	<0.40	<0.40	**6.7**	5
Calcium	102,000	37,400	756,000	NL
Chromium	13.0	2.4	12.0	50
Cobalt	3.1	1.8	350	NL
Copper	16.0	8.1	48.0	200
Iron	**2,530**	**500**	**7,470**	300
Lead	22.0	6.4	**26.0**	25
Magnesium	29,100	15,700	**97,600**	35,000
Manganese	**1,300**	**560**	**39,700**	300
Nickel	12.0	4.8	**210**	100
Potassium	6,870	1,580	33,100	NL
Selenium	<6.4	<6.4	<6.4	10
Silver	**51.0**	**52.0**	20.0	50
Sodium	**171,000**	**53,000**	**110,000**	20,000
Thallium	<5.0	<5.0	<5.0	0.5
Vanadium	4.4	1.0	<0.67	NL
Zinc	56.0	28.0	390	2,000

+ - Concentrations reported in parts per billion (ppb).
Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 .
NL= No groundwater standard listed.

TABLE 10 (continued) SUMMARY OF GROUNDWATER ANALYTICAL RESULTS TAL METALS / MERCURY via EPA METHOD 6010/7471				
Constituent+	**MW-1 Filtered**	**MW-2 Filtered**	**MW-3 Filtered**	**Groundwater Standard / Guidance Value***
Mercury	0.054	0.057	0.13	0.7
Aluminum	150	93.0	1,170	NL
Antimony	<9.0	<9.0	<18.0	3
Arsenic	<3.8	<3.8	<7.6	25
Barium	96.0	58.0	38.0	1,000
Beryllium	<1.0	<1.0	<2.0	3
Cadmium	<0.40	<0.40	<0.80	5
Calcium	96,800	123,000	56,200	NL
Chromium	11.0	3.3	13.0	50
Cobalt	1.4	1.5	3.6	NL
Copper	18.0	9.1	22.0	200
Iron	**410**	**380**	**1,310**	300
Lead	9.5	12.0	14.0	25
Magnesium	28,100	**49,300**	10,000	35,000
Manganese	**1,110**	**1,460**	84.0	300
Nickel	8.3	7.7	12.0	100
Potassium	6,500	4,270	9,170	NL
Selenium	<6.4	<6.4	<1.3	10
Silver	41.0	39.0	**67.0**	50
Sodium	**171,000**	**177,000**	**204,000**	20,000
Thallium	<5.0	<5.0	<1.0	0.5
Vanadium	<0.67	<0.67	4.8	NL
Zinc	70.0	65.0	90.0	2,000

+ - Concentrations reported in parts per billion (ppb).
Groundwater Standards and Guidance Values listed in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 .
NL= No groundwater standard listed.

TABLE 11
SOIL VAPOR SAMPLE ANALYTICAL RESULTS
131 BERRY STREET
BROOKYLN, NEW YORK

				Sample Location Identification	SVP-1	SVP-2	SVP-3
				Sample Date	7/27/2012	7/27/2012	7/27/2012
				Sample Type	Soil Vapor	Soil Vapor	Soil Vapor
	NYSDOH Air Guideline Value (AGV) (ug/m^3)*	NYSDOH Fuel Oil Heated Homes Upper Fence Limit (ug/m3)[A]	EPA BASE 90th percentile (ug/m^3)[B]	Health Effects Institute 95th percentile (ug/m^3)[C]	ug/m^3	ug/m^3	ug/m^3
	For Soil Vapor	For Indoor Air	For Indoor Air	For Indoor Air			
Acetone	NS	115	98.9	45.8	**72.5**	**80.5**	**109**
1,3-Butadiene	NS	NS	<3.0	NS	ND	ND	ND
Benzene	NS	13	9.4	10	**24**	**33.2**	**130**
Bromodichloromethane	NS	NS	NS	NS	ND	ND	ND
Bromoform	NS	NS	NS	NS	ND	ND	ND
Bromomethane	NS	0.5	<1.7	NS	ND	ND	ND
Bromoethene	NS	NS	NS	NS	ND	ND	ND
Benzyl Chloride	NS	NS	<6.8	NS	ND	ND	ND
Carbon disulfide	NS	NS	4.2	NS	**12**	**57**	**34.9**
Chlorobenzene	NS	0.4	<0.9	NS	ND	ND	ND
Chloroethane	NS	0.4	<1.1	NS	ND	ND	ND
Chloroform	NS	1.2	1.1	6.34	2.7	3.6	ND
Chloromethane	NS	4.2	3.7	NS	ND	2.7	2
3-Chloropropene	NS	NS	NS	NS	ND	ND	ND
2-Chlorotoluene	NS	NS	NS	NS	ND	ND	ND
Carbon tetrachloride	NS	1.3	<1.3	1.1	ND	ND	ND
Cyclohexane	NS	6.3	NS	NS	ND	ND	ND
1,1-Dichloroethane	NS	0.4	<0.7	NS	ND	ND	ND
1,1-Dichloroethylene	NS	0.4	<1.4	NS	ND	ND	ND
1,2-Dibromoethane	NS	0.4	<1.5	NS	ND	ND	ND
1,2-Dichloroethane	NS	0.4	<0.9	NS	ND	ND	ND
1,2-Dichloropropane	NS	0.4	<1.6	NS	ND	ND	ND
1,4-Dioxane	NS	NS	NS	NS	ND	ND	ND
Dichlorodifluoromethane	NS	10	16.5	NS	4.3	3.1	4.7
Dibromochloromethane	NS	NS	NS	NS	ND	ND	ND
trans-1,2-Dichloroethylene	NS	NS	NS	NS	ND	ND	ND
cis-1,2-Dichloroethylene	NS	0.4	<1.9	NS	ND	ND	ND
cis-1,3-Dichloropropene	NS	0.4	<2.3	NS	ND	ND	ND
m-Dichlorobenzene	NS	0.5	<2.4	NS	ND	ND	ND
o-Dichlorobenzene	NS	0.5	<1.2	NS	ND	ND	ND
p-Dichlorobenzene	NS	1.2	5.5	344	ND	ND	ND
trans-1,3-Dichloropropene	NS	NS	<1.3	NS	ND	ND	ND
Ethanol	NS	1300	210	NS	**855**	**94.6**	**32.4**
Ethylbenzene	NS	6.4	5.7	7.62	**6.5**	**6.9**	**7.8**
Ethyl Acetate	NS	NS	5.4	NS	**36.4**	**25**	**21**
4-Ethyltoluene	NS	NS	3.6	NS	2	2.7	2.3
Freon 113	NS	2.5	3.5	NS	ND	ND	ND
Freon 114	NS	0.4	<6.8	NS	ND	ND	ND
Heptane	NS	18	NS	NS	4.5	**16**	**39**
Hexachlorobutadiene	NS	0.5	<6.8	NS	ND	ND	ND
Hexane	NS	14	10.2	NS	**7.4**	**23**	**54.3**
2-Hexanone	NS	NS	NS	NS	ND	ND	ND
Isopropyl Alcohol	NS	NS	250	NS	**15**	**10**	**9.8**
Methylene chloride	**60**	16	10	7.5	**19**	**17**	**14**
Methyl ethyl ketone	NS	16	12	NS	**12**	**12**	**18**
Methyl Isobutyl Ketone	NS	1.9	6	NS	ND	ND	ND
Methyl Tert Butyl Ether	NS	14	11.5	36	ND	ND	ND
Methylmethacrylate	NS	0.4	NS	NS	ND	ND	ND
Propylene	NS	NS	NS	NS	**65.4**	**758**	**1,960**
Styrene	NS	1.4	1.9	5.13	3.9	3.6	**7.7**
1,1,1-Trichloroethane	NS	2.5	20.6	NS	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	0.4	NS	NS	ND	ND	ND
1,1,2-Trichloroethane	NS	0.4	<1.5	NS	ND	ND	ND
1,2,4-Trichlorobenzene	NS	0.5	<6.8	NS	ND	ND	ND
1,2,4-Trimethylbenzene	NS	9.8	9.5	NS	**6.4**	**7.4**	**6.9**
1,3,5-Trimethylbenzene	NS	3.9	3.7	NS	2.3	2.3	2.2
2,2,4-Trimethylpentane	NS	NS	NS	NS	ND	**6.1**	**6.5**
Tertiary Butyl Alcohol	NS	NS	NS	NS	**7**	4.9	ND
Tetrachloroethylene	**100**	2.5	15.9	6.01	**2,380**	**221**	106
Tetrahydrofuran	NS	0.8	NS	NS	2.1	2.4	ND
Toluene	NS	57	43	39.8	34	**37**	**43.3**
Trichloroethylene	**5**	0.5	4.2	1.36	**98.3**	3.9	**5.9**
Trichlorofluoromethane	NS	12	18.1	NS	**6.7**	2.8	2.9
Vinyl chloride	NS	0.4	<1.9	NS	ND	ND	ND
Vinyl Acetate	NS	NS	NS	NS	ND	ND	ND
m,p-Xylene	NS	11	22.2	22.2	**17**	**18**	**19**
o-Xylene	NS	7.1	7.9	7.24	**5.2**	**5.2**	**6.5**
Xylenes (total)	NS	NS	NS	NS	**23**	**24**	**25**

Notes:
ND (Value) = Not Detected (below reporting limit).
J: Estimated concentration.
NS: No Standard/Background Value.
* : Standards taken from New York State Department of Health "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 200
[A]: Background values taken from NYSDOH 2003 Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes (Appendix C Table C1 of NYS
[B]: Background values taken from EPA 2001 Building Assessment and Survey Evaluation (BASE) database (Appendix C Table C2 of NYSDOH guidan
[C]: Background values taken from Health Effects Institue 2005: Indoor, Outdoor and Personal Air (RIOPA) data (Appendix C Table C5 of NYSDOH gui
Concentration exeeds applicable standard or background value.

2-Butanone also known as Methyl Ethyl Ketone
4-Methyl -2- Pentanone also known as Methyl Isobutyl Ketone
2-Propanol also known as Isopropyl Alcohol
1,2/1,3/1,4 Dichlorobenzene also known as o,m,p Dichlorobenzene
Trichlorotrifluoroethane also known as Freon 113
Dichlorotetrafluoroethane also known as Freon 114
Ethanol also known as Ethyl Alcohol

APPENDIX A

PHASE I ESA REPORT – MARCH 2008

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PHASE I ENVIRONMENTAL SITE

ASSESSMENT REPORT

125-137 Berry Street/ 128-136 North 7th Street
Brooklyn, New York 11211
Block 2327, Lots 4 & 5

Prepared For:
Dolma, LLC
417 Lafayette Street, #2
New York, New York 10003

Prepared On:

March 28, 2008
Hydro Tech Job # 080082

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

125-137 Berry Street/ 128-136 North 7th Street
Brooklyn, New York 11211

March 28, 2008

Hydro Tech Environmental, Corp. appreciates the opportunity to work for Dolma, LLC at the property located at 125-137 Berry Street/128-136 North 7th Street in Brooklyn, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

Very Truly Yours,
Hydro Tech Environmental, Corp.

X_____
Jessica Proscia
Environmental Scientist

X_____
Rachel Ataman
Hydrology Department Manager

X_____
Mark E. Robbins, C.P.G., C.E.I.
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1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I Assessment) of the property located at 125/137 Berry Street/128-136 North 7th Street in Brooklyn, New York. The Phase I Assessment was performed on behalf of Dolma LLC (the User).

The Phase I Environmental Site Assessment was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527 and the United States Environmental Protection Agency All Appropriate Inquiry (AAI) Rule. The purpose of the Phase I ESA Assessment is to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Assessment are contained in this report. The Phase I Assessment revealed the following Recognized Environmental Conditions (RECs):

- Presence of the Little "E" restriction issued by the New York City Department of Buildings for "HAZMAT".
- The presence of hydraulic lifts which may contain PCBs.

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental Corp. (Hydro Tech, the **"Preparer"**) has been retained by Dolma LLC (the **"User"**) to perform a Phase I Environmental Site Assessment (Phase I Assessment) at the property located at 125-137 Berry Street/128-136 North 7th Street in Brooklyn, New York. The property will hereafter be referred to as the **"Site"** or the **"Subject Property"**.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any *hazardous substances* or *petroleum products* on a property under conditions that indicate an existing release, a past release or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater or surface water of the property" (ASTM E 1527-05, §1.1.1). Similarly, the goal of an AAI-compliant Phase I Assessment is to identify, "conditions indicative of releases or threatened releases of hazardous substances..." (40 CFR Part 312).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310.

2.2 Scope of Work

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with both ASTM E 1527 and the AAI Rule except where noted in section 2.3, and Hydro Tech's Proposal. As required by ASTM & AAI, the user has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in section 2.3 or elsewhere in the report.

2.3 Limitations, Deviations and Exceptions

In addition to those items outlined by ASTM E 1527 and the AAI rule, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business environmental risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Phase I Assessment in not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report.

3.0 SITE DESCRIPTION

3.1 Site Vicinity

The Site is located on the southeast corner of the intersection of Berry Street and North 7th Street in the borough of Brooklyn, New York. The borough of Brooklyn is situated in the southeast portion of New York City.

The vicinity of the Site consists of primarily of residential properties. The ground surfaces in the vicinity of the Site consist of asphalt and concrete surfaces.

3.2 Site Details

The Site consists of an approximately 11,300 square foot, square parcel of land that is developed with an approximately 1,500 square foot, 1-story building that was formerly used as an auto garage/repair shop and a Mobil gasoline station. The remainder of the Site is paved with asphalt. The Site is currently vacant and unoccupied. The site also contains a partial cellar that was used for storage. The site is reportedly constructed circa 1956. All utility services are currently not connected to the Site. Access to the Site is provided on the east side of Berry Street.

The topography of the Site is generally level. The topography of the vicinity of the Site is also generally level. **Figure 1** provides a Site Plan

3.3 Adjacent Land Use

The Site is located in a mixed commercial and residential area. The following properties were identified immediately adjacent to the Site:

To the North:	Two (4) story residential buildings
To the South:	Three-story residential buildings
To the East:	Two (3) story residential buildings
To the West:	One-story commercial building (M&V Provisions)

None of the adjacent properties are listed on any of the regulatory agency databases reviewed by Hydro Tech. Additionally, none of the adjacent properties were identified as a gas station, dry cleaner, automobile repair facilities or any other properties that typically use hazardous materials as part of daily operations. Therefore, Hydro Tech concludes that current adjacent property use does not represent an environmental concern for the Site.

3.4 Proximity to Environmentally Sensitive Areas

The results of the site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Brooklyn Topographic Map indicate that sensitive receptors identified as residences, St. Vincent De Paul School and The Holy Ghost Ukrainian Catholic School are located within ¼-mile of the Site. Based on distance and assumed hydraulic gradient, Hydro Tech concludes that the Site does not represent an environmental concern for the sensitive receptors.

3.5 Environmental Setting

The Site is located in the northwestern portion of the borough of Brooklyn, New York. The elevation of the Site is approximately 33 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1979).

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore, to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poorly to moderately permeable in most areas. Outwash plains are located to the south of the moraines.

The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer, the water quality has been degraded in many areas due to industrial activities.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from poorly to moderately or highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member increases to the southeast and ranges in depth from 200 to 800 feet below sea level (from northwest to southeast). The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial rock debris. The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are redeposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation.

The zone of leaching is found in the A horizon, which is the upper, organic-rich and life

4.0 SITE RECONNAISSANCE

Ms. Eva Jakubowska of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on Tuesday, March 25, 2008. The weather during the inspection was sunny, approximately 40 degrees Fahrenheit. **Appendix A** provides photographs of the Site.

Hydro Tech was unable to inspect all portions of the Site since no access was provided. The following pertinent information was obtained during the site reconnaissance of the Site:

1. At the time of the inspection, no evidence of industrial processes was observed at the Site. No evidence of historical industrial processes was observed.

2. No drum storage areas were identified at the Site. No former drum storage areas were identified at the Site.

3. No evidence of USTs or ASTs was observed at the Site. No USTs were observed during Hydro Tech's previous GPR Survey.

4. No floor drains were observed at the Site. No evidence of former floor drains was identified at the Site.

5. No subsurface drainage structures were identified at the Subject Property.

6. No evidence of hazardous or non-hazardous material spills was identified at the Site. No areas of stressed vegetation were identified at the Site.

7. No electrical transformers were identified at the Site. In a previous Phase I performed by Hydro Tech several hydraulic lifts were observed within the building. Typically hydraulic lifts contain reservoir tanks that contain hydraulic fluid. Based on the date of construction (circa 1956), and that auto repair facility is still present it is possible that the hydraulic fluid within the lifts may contain PCB's and therefore represents a REC. No other evidence of PCB or PCB-containing equipment was identified at the Site.

8. No evidence of peeling paint was observed at the Site at the time of the inspection.

9. No evidence of suspect asbestos-containing materials was observed at the time of the inspection.

10. The testing of drinking water for lead is beyond the scope of this Phase I Environmental Site Assessment. According to the Site contact potable water was formerly supplied to the Site by New York City Water Supply System.

11. No monitoring wells were identified at the Site or adjacent properties.

12. No evidence of amplified mold growth was observed at the Site.

13. No surface waters such as pits, ponds or lagoons were identified at the Site. No evidence of former surface waters or pits, ponds or lagoons was identified at the Site.

14. No areas of fill or evidence of land disposal of material(s) were identified at the Site.

15. No indoor air quality concerns were identified at the Site.

5.0 REGULATORY AGENCY DOCUMENTS

FOIA requests were issued to the following regulatory agencies with respect to the Site. All reasonably ascertainable municipal records are provided with this report. **Appendix B** provides copies of the Regulatory Agency Documents.

- New York City Department of Planning and Zoning.
- New York City Department of Building.
- New York City Department of Health.
- New York City Bureau of Fire Prevention.
- New York State Department of Environmental Conservation.
- New York City Department of Environmental Protection.

New York City Department of City Planning and Zoning
A FOIA request was submitted to the New York City Zoning Department. The Zoning Department was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the Zoning Department has not responded to out initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

New York City Department of Buildings
A FOIA request was submitted to the New York City Department of building (NYCDOB). According to the NYCDOB, the Site is also identified as Block 2327, Lot 5. There are no DOB or Environmental Control Board (ECB) violations listed for the Site. There are sixteen (16) actions listed for the Site. These actions are associated with building alterations at the Site. Based on the information provided by the DOB, Hydro Tech concludes that the actions listed for the Site, does not represent an environmental concern. Additionally, according to the Certificates of Occupancy, gasoline tanks were installed in 1958 and 1961. These gasoline USTs will be further discussed in Section 6.0of this report. The Little "E" restriction for the Site is listed as "HAZMAT", which represents a REC.

A FOIA request was also submitted for Block 2327, Lot 4. There are no DOB or Environmental Control Board (ECB) violations listed for the Site. There are fourteen (14) actions listed for the Site. These actions are associated with building alterations at the Site. Based on the information provided by the DOB, Hydro Tech concludes that the actions listed for the Site, does not represent an environmental concern. The Little "E" restriction for the Site is listed as "HAZMAT", which represents a REC.

New York City Department of Health
A FOIA request was submitted to the New York City Department of Health (NYCDOH). The NYCDOH was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDOH has not responded to out initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

New York City Bureau of Fire Prevention
A FOIA requests were submitted to the New York City Bureau of Fire Prevention (NYCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

New York State Department of Environmental Conservation
A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC). The NYSDEC was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYSDEC has not responded to out initial search request or

subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

New York City Department of Environmental Protection

A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP). The NYCDEP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDEP has not responded to out initial search or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

6.0 SITE HISTORY

6.1 Historical Maps

Fire Insurance Maps for the Site and its vicinity were obtained and evaluated in order to establish the history of the Site. The Fire Insurance Maps are provided with this report. The dates of the Fire Insurance Maps that were evaluated are listed below. **Appendix C** provides a copy of the Fire Insurance Maps.

- 1887
- 1905
- 1916
- 1942
- 1951
- 1965
- 1978
- 1980
- 1886
- 1991
- 1996

1887 through 1905
The Site appears to be developed with five (5) three story dwellings and one (1) three story store. No further information was provided pertaining to the type of store. Surrounding properties appear to be primarily residences.

1916
The Site appears to be developed with four (4) three story dwellings, one (1) four story store and one (1) three story store. No further information was provided pertaining to the type of store. Surrounding properties appear to be primarily residences.

1942
The Site appears to be partially vacant and partially developed with four (4) three story dwellings and one (1) four story store. No further information was provided pertaining to the type of store. Surrounding properties appear to be similar to the previous Sanborn map, with the addition of commercial properties.

1951
The Site appears to be partially vacant and partially developed with three (3) three story dwellings and one (1) four story store. No further information was provided pertaining to the type of store. Surrounding properties appear to be similar to the previous Sanborn map.

1965 through 1996
The Site appears to be developed with a parking lot and an auto repair garage that is also labeled "filling station". Surrounding properties appear similar to the previous Sanborn map.

Numerous data gaps (maximum 14 years) were noted in the historical map review. However, based upon the evaluation of the historical site use(s), none of the data gaps appear to be so significant as to necessitate the identification a REC.

Hydro Tech's review of available historic Sanborn maps indicates that the Site was initially developed with low-rise residential buildings and commercial stores. The Site was then developed with a parking area, auto repair garage and a "filling station" for approximately thirty-one years. Auto repair garages and filling stations typically use hazardous materials as part of daily operations. The historical utilization of the Site as a filling station will be further discussed in Section 6.2 of this report.

6.2 Previous Studies

A Subsurface Investigation was performed by Hydro Tech on April 30, 2003. The purpose of the Subsurface Investigation was to determine the presence of gasoline constituents in the soil of the Subject Property. The Subsurface Investigation revealed that levels of individual gasoline constituents were present in the soil at concentrations exceeding applicable regulatory standards within the former UST locations.

A Groundwater Assessment was performed by Hydro Tech on September 1, 2005. The purpose of this assessment was to determine if there was any potential impact to groundwater from the volatile organic compounds (VOCs) detected in the soil. The assessment consisted of the installation, sampling, and survey of three monitoring wells. The results indicated that no VOCs were detected at concentrations greater than their applicable regulatory standards in the groundwater. The letter report recommended the preparation of a Remedial Action Plan to address the zone of contamination reported within the vicinity of the USTs. The RAP was submitted to the NYSDEC during October/November 2005 and was subsequently approved.

The execution of the RAP included a GPR survey which did not identify any anomalies indicative of former pump islands or remote fill ports. A total of 202.23 tons of contaminated soil was excavated and disposed of in accordance with Federal, State, and Local regulations. End point samples were taken from the sidewalls and bottom of the excavation pit. The endpoint sampling results indicated no levels of VOCs or SVOCs were present along the sidewalls or bottom of the soil excavation at concentrations exceeding applicable standards. It was therefore concluded that the impacted soil was sufficiently removed. The Remedial Action Report was submitted and NYSDEC Spill **# 0403650** was closed, and a No Further Action Letter was provided. The former utilization of the Site as a gasoline station should, therefore, not be considered a REC. **Appendix D** provides a copy of previous environmental reports.

6.3 Environmental Liens

No information regarding property environmental liens or activity use limitations were provided to Hydro Tech.

6.4 City Directory Search

In order to further assess the property's site history, available city directory files were obtained and researched. These city directory files document known occupants of properties and is broken down by each individual address. The table below provides a listing of all documented occupants of the Site.

125-137 Berry Street/128-136 North 7th Street
Brooklyn, NY

YEAR	PROPERTY USAGE	SURROUNDING PROPERTY USAGE
1928	Singer M. Plumber	Residential and commercial
1934	Residential	Residential and commercial
1940-1949	Singer M. Plumber Residential	Residential and commercial
1960-1976	Scottis Auto Repair	Residential and commercial
1980	Address not listed in research source	Residential and commercial
1985-1992	SC Truck and Auto Repair Residential	Residential and commercial
1997-2000	SC Truck and Auto Repair; U-Haul Co Independent Dealers Brooklyn	Residential and commercial

Information provided in the historical city directories indicate that the Site was occupied by auto repair facilities since at least 1960. This was previously addresses in Hydro Tech's Focused Subsurface Investigation. Therefore, Hydro Tech concludes that the historical usage of the Site does not affect the environmental quality of the Site.

No potential RECs were identified from the surrounding properties. **Appendix E** provides a copy of City Directory Search

7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal and State hazardous waste databases were reviewed with respect to the Site and surrounding properties. The complete database printout is provided with this report. The following databases were reviewed: **Appendix F** provides a copy of the Database Search Results.

Federal Databases	Search Radius
• National Priority List*	One mile
• CERCLIS*	One-half mile
• ERNS	Site only
• RCRA TSD*	One-half mile
• RCRA CORRACTS*	One mile
• Engineering/Institutional Controls	One-half mile
• RCRA Generator/Transporter*	Site & adjacent

State/Tribal/Local Databases	Search Radius
• Inactive Hazardous Waste Sites	One mile
• Leaking USTs*	One-half mile
• Petroleum Bulk Storage*	Site & adjacent
• Spill Sites*	One-eighth mile
• Solid Waste Landfill	One-half mile

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Site was identified in the UST database and on the NY Spills database. According to information provided in the regulatory agency database, three (3) 550-gallon unleaded gasoline USTs and two (2) 550-gallon diesel USTs were closed/removed from the Site in March 2000. The USTs were historically associated with SC Truck and Auto Repair. No additional information was provided regarding the USTs or soil/groundwater quality. Additionally, on July 6, 2004 NYSDEC Spill **#04-03650** was called in for the Site because soil analytical results exceeded regulatory standards. An investigation including the excavation and findings was provided to the NYSDEC. This Spill was officially closed in September 2006.

The following numbers of properties were identified in each database within the specified radii from the Site.

Federal Databases	Number of Properties
• National Priority List*	0
• CERCLIS*	1
• ERNS	0
• RCRA TSD*	1
• RCRA CORRACTS*	1
• Engineering/Institutional Controls	0
• RCRA Generator/Transporter*	0

**...and all sub databases.*

State/Tribal /Local Databases	Number of Properties
• Inactive Hazardous Waste Sites	1
• Leaking USTs*	34
• Petroleum Bulk Storage*	0
• Spill Sites*	22
• Solid Waste Landfill	9

One (1) CERCLIS facility is identified within ½ mile radius of the Site. This facility is located approximately 304 feet southeast of the Site. According to the database, the NYCDEP responded to odor complaints and issued letters to the owner. There was no response to the letters. This facility was non-operational and contained acids, cyanides in open vats and tanks. This facility was eligible for the removal program and the removal of these materials was conducted in November 1998. Based on the regulatory status of this facility, Hydro Tech concludes that it does represent an environmental concern for the Site
One (1) RCRA TSD facility is identified within ½ mile radius of the Subject Property. This facility is located greater than 2,200 feet away from the Site, at an assumed hydraulic crossgradient position. Therefore, based on distance and assumed groundwater flow direction, Hydro Tech concludes that the RCRA TSD facility does not represent an environmental concern for the Site.

One (1) RCRA CORRACTS facility was identified within 1-mile radius of the Site. This facility is located greater than 2,200 feet away from the Site, at an assumed hydraulic crossgradient position. Therefore, based on distance and assumed groundwater flow direction, Hydro Tech concludes that the CORRACTS facility does not represent an environmental concern for the Site.

One (1) Inactive Hazardous Waste Site facility was identified within ½ mile radius of the Site. This facility is located greater than 1,600 feet away from the Site, at assumed hydraulic downgradient position. Therefore, based on distance and assumed groundwater flow direction, Hydro Tech concludes that this facility does not represent an environmental concern for the Site.

Thirty-four (34) LTANK incidents were reported within ½-mile radius of the Site. Twenty-seven (27) of the incidents have been assigned a case closed status with the NYSDEC and therefore does not represent an environmental concern. The seven (7) remaining open listings are either located at an assumed hydraulic crossgradient/downgradient position relative to the Site and/or located greater than 300 feet away from the Site. Based on distance and/or assumed hydraulic gradient, Hydro Tech concludes that these listings do not represent an environmental concern for the Site.

Twenty two (22) NY Spills incidents were identified within 0.125 miles of the Site. Twenty (20) have been resolved to the satisfaction of the NYSDEC. The two (2) remaining spills are located within 500 feet of the Site. Based on assumed groundwater flow, and the resource effected Hydro Tech concludes that the active spills do not represent an environmental concern for the Site.

There are nine (9) Solid Waste/Land Fill facility listed within ½ mile radius of the Site. All of these facilities are located greater than 800 feet away from the Site, at an assumed hydraulic crossgradient/downgradient positions. Based on distance and assumed groundwater flow direction, Hydro Tech concludes that these facilities do not represent an environmental concern for the Site.

None of the other sites listed in the State of Federal agency databases are considered an environmental concern for the Site.

8.0 INTERVIEWS

During the course of the Phase I Assessment, interview(s) were conducted with respect to the operations and history of the Site. The following people provided information or access during the performance of the Phase I Assessment:

- Ms. Lory O'Connor (next door tenant).

Ms. O'Connor stated that the Subject Property was a gas station over fifteen years ago. The auto repair shop was still active, but they closed down and relocated about five years ago.

Hydro Tech Environmental Corporation completed the Phase I Questionnaire report for the Site.

No RECs were identified from the questionnaire portion of the Phase I ESA. **Appendix G** provides a copy of the Phase I Questionnaire

Phase I Environmental Site Assessment Summary
Hydro Tech Job No. 080082
125-137 Berry Street/128-136 North 7th Street, Brooklyn, NY

Category	No Further Investigation	Operation & Maintenance	Additional Investigation Recommended	Remediation Recommended
Historical Review	X			
Regulatory Review			1	
On-site Operations	X			
Aboveground/Underground Storage Tanks	X			
Polychlorinated Biphenyls			2	
Asbestos-Containing Material	X			
Radon	X			
Lead-Based Paint	X			
Lead in Drinking Water	X			
Mold	X			
Neighboring Properties	X			

Comments:
1. The Site contains a Little "E" restriction for "HAZMAT"
2. Hydraulic lifts may contain PCBs in the hydraulic fluids

9.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment of the property located at 125-137 Berry Street/128-136 North 7th Street in Brooklyn, New York. Based upon the findings of the Phase I Assessment, the following Recognized Environmental Conditions have been identified:

- Presence of the Little "E" restriction issued by the New York City Department of Buildings for "HAZMAT".
- The presence of hydraulic lifts which may contain PCBs.

Other than the item (s) listed above, no further assessment work is required to determine the environmental quality of the Site.

APPENDIX B

HEALTH AND SAFETY PLAN

Site Health and Safety Plan

PROJECT NAME:
131 BERRY STREET

PROJECT NUMBER:
12EHAZ318K

PROJECT LOCATION:
125-137 BERRY STREEET
BROOKLYN, NEW YORK

DATE:
JULY 9, 2012

PREPARED FOR:
TIBETAN LLC
417 LAFAYETTE STREET, 2ND FLOOR
NEW YORK, NEW YORK 10003

PREPARED BY:
TYREE ENVIRONMENTAL CORP.
208 ROUTE 109
FARMINGDALE, NEW YORK 11735
(631) 249-3150

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7.0 GENERAL CODE OF SAFE WORK PRACTICES

1.0 INTRODUCTION

The purpose of this Health and Safety Plan (HASP) is to define the requirements and designate protocols to be followed during investigative activities. Applicability extends to all Tyree employees, subcontractors, and visitors.

All personnel on site shall be informed of the site emergency response procedures and any potential fire, explosion, health, or safety hazards of the operation. This plan must be reviewed and acknowledged, by all personnel prior to entering the exclusion zone or contamination reduction zone.

A well-ordered flow of information is essential to a good safety program. Tyree, through a program of safety meetings at all levels, intends to accomplish the goals of safety awareness, education, and participation. Each meeting shall include instruction and discussion of safe working methods and applicable rules required for the safe performance of work scheduled during the period following the meeting. In addition to the standard weekly safety meeting the Health and Safety Department will maintain and distribute outlines covering various topics of importance to the safety of company employees. The outlines will be flexible, they will be intended to be adapted to the widest range of situations and groups.

Safety will be included in the agenda of all staff and project meetings. The health and safety personnel will keep department heads and supervisory personnel informed of safety performance developments in the area of accident prevention, and safety. Department heads and supervisory personnel will ensure the information is transmitted to supervisors for inclusion in weekly safety meetings. Department heads and supervisory personnel may request that health and safety personnel provide safety briefings as required.

Daily "tool-box" talks shall be held to instruct all employees in safety precautions applicable to the day's hazardous work. Prior to start of such work, a walk through of the site shall be conducted, if required to point out locations. Copies of the Daily "Tool-Box Safety Briefing Sheet shall be kept on site. Daily ***"Tool-Box Safety Briefing Sheet"*** may be found in **Attachment I –Daily Tool Box Talks.**

During development of this plan consideration was given to current safety standards as defined by EPA/OSHA/NIOSH, health effects and standards for known contaminants, and procedures designed to account for the potential for exposure to unknown substances. Specifically, the following reference sources have been consulted:

- OSHA Regulations: 29 CFR 1910 and 1926
- USEPA Standard Operating Safety Guides, June 1992
- NIOSH/OSHA/USCG/EPA "Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities"
- NIOSH Pocket Guide to Chemical Hazards, June 1994
- Introduction to Fall Protection, J.Nigel Ellis, Second Edition
- Hazardous Waste Handbook for Health & Safety, Martin, Lippitti, Prothero, 1987
- Handbook of Toxic and Hazardous Chemicals and Carcinogens, Sittig, 1985

In addition, to the above referenced documents, Tyree has establish a comprehensive and realistic Health and Safety Program, based on past experience, sound engineering practice,

employee training and enforcement of health and safety regulations to prevent unreasonable health and safety risks.

This Health and Safety Plan will be complemented by the existing Tyree Health and Safety Program. This plan will be a living document in that it will be continually update or revised as the site conditions and knowledge of the treatment process develops further.

Tyree as part of the overall Company Health and Safety Program maintains written individual procedures for the types of hazards/issues that our employees will or could potentially be exposed to.

This program will be reviewed/revised on annual basis or as required by the respective governing OSHA Standard. Each program insofar as possible will be maintained as an independent program to avoid situations where it is unclear where responsibility for given issues belong. Effective implementation of this program requires support from top management to every employee within the company. Written program will be communicated to personnel that are affected by it through training.

In the event that a person does not adhere to the provisions of the HASP, he/she will be requested to leave the work area. All nonconformance incidents will be recorded in the site log.

The development and preparation of this Health and Safety Plan has been based on past experience and site specific information at the time of preparation. If actual site conditions or operations vary from the data used to prepare this Health and Safety Plan, amendments shall be made to reflect those changes.

2.0 STAFF ORGANIZATION AND RESPONSIBILITIES

While the Health and Safety Department directs and supervises the overall Health and Safety Program, the responsibility for health and safety extends throughout our organization from top management to every employee. The following outlines the Tyree personnel and responsibilities during investigative activities.

- Division Health Safety Representative: Tom Witheral
- Superintendant: Tom Witheral
- Project Manger: Matthew Boeckel

2.1 Division Health and Safety Representative

Responsible to the Health and Safety Manager. The Site Safety Representative shall be jointly responsible for the implementation and enforcement of the Organization's Health and Safety Program and the Site Specific Health and Safety Plan along with the Project Managers and Superintendents. Under the direction of the Health and Safety Manager the Site Safety Representative ensures that the proper personal protective equipment is available and utilized by all workers (as required). The Site Safety Representative is responsible for continuously inspecting the job site to ensure that no unsafe acts or conditions exist and keep records of findings and corrective action taken.

2.2 Superintendent

The Project Superintendent has the operational responsibility for the implementation of this HASP on this project; including establishing an attitude of concern for Safety matters by initiating prompt corrective action of hazards brought to his attention and ensuring that the project health and safety requirements are initiated and followed by all project personnel.

Plan and require that all work be done in compliance with this HASP and the Tyree Organization's Health and Safety Program and/or the Client's safety program including all applicable local, state and federal regulations. Impress upon all subcontractors' supervisory personnel a responsibility and accountability of each individual to maintain a safe workplace and work in a safe manner.

2.3 Project Manager

The Project Manager has full responsibility for ensuring that the policies and procedures outlined in the Health and Safety Program are adhered to on the project. The Project Superintendent, by example, establishes an attitude of concern for Safety matters and assists the site safety officer to recognize and resolve safety violations and items of non-compliance.

2.4 Work Force

It is the responsibility of all employees to work in a manner that will prevent injury and exposure to themselves and to other employees. Every employee is responsible for obeying safety rules and regulations, and reporting unsafe conditions or acts to their supervisors.

3.0 SITE CHARACTERIZATION AND ANALYSIS

Construction sites can cause a multitude of health and safety concerns any of which can result in serious injuries and/or illnesses of workers. Some hazards are a function of the physical or chemical nature of the site itself. Others are a direct result of the work being done.

3.1 General Site Hazards

While it is important to identify and be aware of potential physical hazards and the means by which to reduce the risks from the same, a detailed discussion of these is an insurmountable task. As such, the recognition, evaluation and control of site activities associated with the potential hazards is best accomplished by the development, use and implementation of standard operating procedures and guidelines, as well as ongoing consultation of applicable standards and regulations.

Injuries in the workplace often occur because employees are not adequately trained in the proper job procedure. Establishing proper job procedures is accomplished by conducting a job hazard analysis. Improving how work is performed reduces injuries, improves absenteeism rates promotes an increase in productivity. Job hazards pose a serious problem for exposed workers. Tyree will ensure that operations having a potential for employee injury are evaluated and controlled. We understand that engineering solutions, where feasible, are the preferred method of control for workplace hazards. The focus of the Job Safety Analysis is to eliminate hazards from the workplace. This is accomplished whenever possible by redesigning the workstation, work methods, or tool(s) to reduce the hazards associated with the demands of the job. This program will

whenever possible research into currently available controls and technology. PPE will be a last choice.

Job Safety Analysis consists of recording the steps required to accomplish the job, if the job is complex, it should be broken down into detailed segments. Each step will be reviewed in the order of occurrence as the employee is observed performing the job. Each segment will be reviewed in proper sequence.

3.2 Physical Hazards

Physical hazards include, noise, electrical, excavation, safety hazards, slip/trip/hit/fall, hand and power tools and heavy lifting.

3.2.1 Noise

The field activities will include the use of a Geoprobe® drill rig which uses a hydraulic hammer and produces a significant amount of noise. Noise has been defined as unwanted sounds. The human ear can tolerate a certain amount of sound without any harmful effects. The OSHA standard allows 90 dB(A) for a full 8 hours and for a lesser time when the levels exceed 90 dB(A). It is usually safe to assume that if you need to shout to be heard at arms length, the noise level is at 90 dB(A) or above. Hearing protection will be utilized by personnel operating or working around the drill rig.

3.2.2 Electrical

Overhead power lines, electrical wires, electrical fixtures, and buried cables all pose a danger of shock or electrocution if contacted or severed during site operations. A safe distance will be maintained between overhead wires. Electrical equipment used on site may also pose a hazard to workers. Whenever possible, low-voltage equipment with ground-fault interrupters and water-tight, corrosion-resistant connecting cables to minimize this hazard will be used. In addition, lightning is a hazard during outdoor operation, particularly for workers handling metal containers or equipment. In the event of a lightning storm, drilling operations will cease for the duration of the storm.

No employee shall be permitted to work in the proximity of any part of an electrical power circuit unless the person is protected against electric shock by de-energizing the circuit and grounding it, or it has been locked and tagged out. These procedures will be utilized when work has to be performed on energized equipment.

All electrical wiring and equipment shall be intrinsically safe for use in potentially explosive environments and atmospheres. Ground fault circuit interrupters shall be used in the absence of properly grounded circuitry or when portable tools must be used around wet areas.

3.2.3 Safety Hazards

A site may contain numerous safety hazards of which workers should be aware such as:

- Holes and ditches.
- Precariously positioned objects, such as drums or boards that may fall.
- Sharp objects, such as nails, metal shards, and broken glass.
- Slippery surfaces.
- Steep grades.
- Uneven terrain.
- Unstable surfaces, such as walls that may cave in or flooring that may give way.
- Contaminated soil, refuse and/or buried drums.

3.2.4 Slip/Trip/Hit/Fall

Slip/trip/hit/fall injuries are the most frequent of all injuries to workers. They occur for a wide variety of reasons, but can be minimized by the following prudent practices:

- Spot check the work area to identify hazards.
- Establish and utilize a pathway which is most free of slip and trip hazards.
- Beware of trip hazards such as wet floors, slippery floors, and uneven surfaces or terrain.
- Carry only loads which you can see over.
- Keep work areas clean and free of clutter, especially in storage rooms and walkways.
- Communicate hazards to on-site personnel
- Secure all loose clothing, ties, and remove jewelry while around machinery.
- Report and/or remove hazards.
- Keep a safe buffer zone between workers using equipment and tools.

3.2.5 Hand and Power Tools

Hand and power tools are used for various site activities. Procedures for using hand and power tools are as follows:

- Persons using power tools shall be trained in their use.
- Only tools in good condition shall be used.
- Tools shall be kept clean.
- Guards and shields shall be kept on all tools.
- Air coupling shall be secured.
- Non-sparking tools shall be used in hazardous areas.

3.2.4 Heavy Lifting

First, use a pushcart or other material-handling device! Second, ask a co-worker for help if no device is available! If you must lift alone here are some tips. Before starting to lift or carry anything, check your entire walkway to make sure your footing will be solid. Your shoes should give you good balance, support and traction. Keep loads as close to your body as possible. The following situations show basic lifting techniques to avoid injury:

- Keep your feet shoulder width apart to get the best footing possible.
- Grasp the object at opposite corners.
- Lift with the legs instead of the back muscles.
- Keep the back upright and avoid twisting.
- Most importantly, think before lifting.
- Bend at the knees, not at the waist.
- Tighten stomach muscles to offset the force of the load.

3.2.6 Fall Hazards

To prevent falls and injuries when employees work in areas where fall hazards cannot be eliminated by reasonable means, personnel will be required to use a full body harness or safety belt and shock absorbing lanyard. Personnel will make maximum use of primary fall protection systems, such as scaffolding and scissors lifts. These systems will be equipped with standard guard rails and safe means of access/egress.

Before any employee attempts to work in an area where a high risk of falls exists, they must equip themselves with suitable fall-arresting equipment. Personnel riding on or working from scissors lift must secure their safety lanyards to the basket at all times.

The fall protection equipment shall be properly fitted and shall not restrict the movements of the worker. Full safety harnesses or safety belts are required for any work performed over six (6) feet in elevation.

Tail lines or lanyards of the shortest workable length must be attached to a secure point in the vicinity of the work area. The line shall be long enough not to restrict the worker's movements, but short enough to prevent tripping over the line and falls beyond the worker's extended reach for self-rescue; in any case, not over six (6) feet.

3.2.7 Excavation Hazards

In, general, the hazards encountered during soil excavation are: the sides of excavation can cave in, possibly burying or crushing workers due to (a) Absence of shoring, (b) Misjudgment of stability, (c) Defective shoring, and (d) Undercut sides; falling during access/egress, while monitoring or dismounting equipment, or stumbling into excavation. An overhead hazard can result from material, tools, rock, and/or soil falling into the excavation. Flammable atmospheres may also be encountered in excavation.

Tyree shall provide adequate shoring or sloping of sides of the excavation. Excavation/trenches will be inspected daily for changing conditions. Air monitoring for airborne contaminants shall be performed in areas where contaminated soils are encountered.

Excavation spoils will be stockpiled and covered at a designated area away from the work area. Excavation/Trenches regardless of the depth or width shall be barricaded or covered. The use of raised berms, caution signs and caution tape will be used to protect both the public and other personnel on the site. The excavation area will be delineated with caution tape during operations and barricaded/secured with safety fence at the end of each work day. Adequate means of exit, such as ladders, steps, ramps or other safe means of egress, will be provided and be within 25 feet of lateral travel.

3.2.8 Heavy Equipment Operations

Considerations for controlling the movement of personnel and equipment are important to any project, as injuries may occur while working with or adjacent to such equipment. This category includes all operations which utilize moving heavy equipment including: drill rigs, cranes and hoists, back-hoes, loaders, graders, dozers, vacuum trucks and dump trucks. The following controls, in addition to relative standard operating procedures will be implemented throughout the project:

All Workers will adhere to all applicable standards and regulations while operating heavy equipment at the site. Operators will be trained and experienced in the use and maintenance of the equipment they are operating. Equipment will be inspected on a daily basis to identify any worn parts, and/or unsafe conditions, these findings will be documented on the vehicle inspection report. Any unsafe equipment will be removed from service until safety defects can be corrected. Equipment operators will not leave their machine unattended while it is running. All equipment will have electronic backup alarms. No vehicles or equipment will be operated in a careless or unsafe manner. Personnel will wear high visibility reflective vests when working. All personnel will stay a minimum of 4 ft clear of the operational area of the equipment. Signals will be given to the operators of both equipment and vehicles in any work area by one designated person.

3.2.9 Crane Operations

Cranes play an important role when we have to move certain types of materials. OSHA permits only trained and qualified employees to use this equipment. There are two main hazards when we use cranes, one is dropping the load and the other hitting someone with the load or the equipment. We also want to avoid damaging the load or the equipment itself. These hazards are present any time we skip a step or ignore a problem at any point in the inspection, maintenance, and use of this equipment. To avoid danger to the operator and others in the crane's vicinity, we all have to understand the safety procedures and follow them closely. Anyone who works around an operating crane has to be constantly aware of its movements. Stay out of the way of the machine and its moving parts. If the operator sounds the crane's warning signal, get out of the way and fast. It's also a good idea to become familiar with the crane signalman's hand signals.

The other key to potential crane and sling hazards is the equipment's rated capacity, or the maximum load it can handle safely. Cranes and slings are designed and built to help protect both operators and those in the area from hazards.

To prevent overload, the operator has to check equipment load capacity and the weight and shape of the load. Before lifting, the operator brings the hook over the load, making sure that it's not swinging. Then the operator checks that the hoist chain or rope has no kinks or twists and isn't wrapped around the load. If the load has sharp edges, it has to be padded to prevent cutting the slings. If the load is close to the rated capacity, the operator has to test the brakes by raising the load a few inches and then braking. Tools, oil cans, waste, etc., must be kept in the tool box. The operation must be very smooth and careful, avoiding sudden starts and stops as well as any contact with other equipment, materials, or people

3.3 Engineering Controls

The use of engineering controls for the protection of personnel is the first means of mitigation. This involves the elimination of hazards and the isolation of the workers from the hazards.

3.3.1 Sheeting, Shoring or Slopping

The use of sheeting, shoring, slopping or other means meeting OSHA Standards shall be used in excavations of five feet or deeper when a worker has to enter the excavation. Covering a trench or stockpiled material will separate the workers from contaminants. Forced air ventilation is another means of mitigating hazards during utility operations.

3.3.2 Dust Control

The Superintendent will be constantly alert to the possibility of unacceptable dust levels being generated by activity. Real-time monitoring for aerosol will also be performed periodically within the exclusion zone when conducting intrusive activities. Dust will be controlled primarily by careful project planning and implementation.

4.0 SITE CONTROL MEASURES

This section outlines site control measures to be implemented to minimize potential exposure to and accidental spread of hazardous substances during the construction activities at the BP Amoco Service Station. The outer boundary of the site shall be delineated with a safety fence. The site may be subdivided into different areas based upon the expected type and degree of hazard. Modification to the size and boundary of these zones will be made in the field based on operations. The primary zone will be along the inside perimeter of the excavation during intrusive activities.

4.1 Personal Hygiene and General Safety Requirements

Any Tyree employee, subcontractor or authorized visitor found to consistently disregard the provisions of this HASP may be barred from the site.

Eating, drinking, smoking, chewing gum or tobacco or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited, except in a designated eating area outside the exclusion and contaminant reduction zones.

Tyree employees, subcontractor employees, and service personnel are required to thoroughly decontaminate themselves prior to entering the support zone. No alcoholic beverages or controlled dangerous substances are allowed on site.

No facial hair, which interferes with the effectiveness of a respirator, shall be permitted on personnel required or potentially required to wear respirators.

Personal Protective Equipment (PPE) must be utilized by on - site personnel when deemed necessary. Each individual will be responsible to properly inspect his or her PPE. Hard Hats and Safety Glasses with side shields will be worn on-site at all times.

No open flames or smoking will be permitted in the on site unless a HotWork Permit has been initiated. When possible, avoid contact with contaminated materials.

5.0 PERSONAL PROTECTIVE EQUIPMENT

This section provides an outline of the personal protective equipment and guidelines that will be implemented to minimize chemical, and physical exposures and accidents during activities at the site. Where engineering controls and job hazard analyses do not eliminate all job hazards, employees will (where appropriate) wear personal protective equipment (PPE).

These include items such as, hard hats, face shields, safety goggles, glasses, hearing protection, footguards, gloves etc. The project manager under the direction of the Tyree Corporate Health and Safety Manager will ensure that equipment selected will meet the following requirements:

- It will be appropriate for the particular hazard.
- It will be maintained in good condition.
- It will be properly stored when not in use, to prevent damage or loss.
- It will be kept clean, fully functional and sanitary.

Protective clothing and PPE can present additional safety hazards. Supervisors will ensure workers wear appropriate clothing and PPE. These items will be worn so as not to create additional hazards.

All PPE will be selected in accordance with 29 CFR 1910.132. Tyree will provide proper PPE to all employees. All protective clothing will be properly used, stored, selected, and maintained.

5.1 Head Protection

All personnel shall wear a hard hat that meets the requirements and specifications in ANSI Safety Requirements for Industrial Head Protection Z89.1-1969. Exceptions to this requirement are personnel utilizing eating/break areas.

5.2 Hand Protection

Outer gloves used on the site for remedial activities shall be either chemical resistant or general purpose. The appropriate glove shall be determined for a specific work task. Inner gloves shall always be chemical resistant, shall be selected using appropriate chemical degradation guides and shall be disposed of as PPE waste. Chemical resistant gloves shall be selected using appropriate chemical degradation guides. Welder's gloves or any other special type of glove are considered outer gloves and are to worn over inner gloves.

5.3 Eye/Face Protection

All personnel at the site shall wear Eye/Face protection. All eye/face protection provided shall be ANSI Z87-1989 approved.

5.4 Footwear

Footwear shall be steel-toed safety shoes or steel-toed boots. Chemical-resistant outer boot covers are to be worn when necessary.

5.5 Respiratory Protection

The primary objective of the respiratory protection program shall be to prevent atmospheric contamination. This shall be accomplished as far as feasible by accepted engineering control measures (for example, enclosure or confinement of the operation, general and local ventilation, and substitution of less toxic materials). When effective engineering controls are not feasible, or while they are being instituted, appropriate respirators shall be used.

To control and or minimize the threat of occupational diseases caused by breathing air contaminated with harmful dusts, fogs, fumes, mists, gases, smokes, sprays, or vapors, respirators shall be provided to all employees, when such equipment is necessary to protect the health of the employee.

Employees will not be assigned to tasks requiring use of respirators unless it has been determined that they are physically able to perform the work and use the equipment. A physician shall determine what health and physical conditions are pertinent.

Only NIOSH approved or accepted respirators shall be used. The respirator furnished shall provide adequate respiratory protection against the particular hazard for which it is designed.

Each respirator shall be individually assigned and not interchanged between workers without cleaning and sanitizing. The cartridges/filters shall be changed at least weekly. More frequent changes shall occur at the first sign of breakthrough based on contaminant warning properties or the user experiences excessive breathing resistance. Respirators shall be cleaned and stored in a uncontaminated atmosphere after each use. Self-contained breathing apparatus/Supplied-air respirators shall be inspected before and after use and at least once monthly, if in storage for emergency use.

All employees who have the potential of wearing a respirator shall be fit tested to ensure they utilize the proper size respirator. The fit test is conducted according to the manufacturer's suggestions. The test shall consist of a taste and odorous vapor qualitative test. Personnel that are unable to pass a fit test as a result of facial hair or facial configuration shall not enter a work area where respiratory protection may be required.

5.6 Levels of Protection

The level of Personal Protective Equipment must correspond to the level of hazards known, or suspected during a specific activity. ***Level C Protection*** consists of a full-face, air purifying, canister equipped respirators utilizing Organic Vapor/Acid Gas and HEPA cartridges/filters,

disposable chemical resistant coverall, Outer gloves: leather, cotton, neoprene or nitrile, Inner gloves: latex or nitrile, Chemical resistant boots over the safety shoes, Steel-Toed Safety Shoes, Hard hat, and Safety glasses (if half-mask is utilized). ***Level D Modified Protection*** consist of regular Tyvek coveralls, Outer gloves: leather, cotton, neoprene or nitrile, Inner gloves: latex or nitrile, Chemical resistant boots over the safety shoes, Steel-Toed Safety Shoes, Hard hat, and Safety glasses. ***Level D Protection*** consists of Hard hat and Safety glasses work uniform, and Steel-Toed Safety Shoes.

Based upon the nature of the construction activities at the BP Amoco Service Station, the initial level of protection to be used is Level D with a contingency upgrade to Level D Modified. All decisions concerning the level of protection will be based upon a conservative interpretation of the information provided by site-specific information.

6.0 EMERGENCY CONTINGENCY PLAN

This section describes the emergency response plan that shall be implemented by Tyree employees to handle emergencies. It is expected that modifications may be necessary upon actual site set-up and conditions. During the site safety meetings held periodically, all employees will be trained in and reminded of the location of this plan, the procedures outlined in this plan, the communication systems and evacuation routes used during an emergency.

On a continual basis, individual personnel should be alert for indicators of potentially hazardous situations and for signs and symptoms in themselves and others that warn of hazardous conditions and exposures. Rapid recognition of dangerous situations can avert an emergency.

All on-site employees have a role in mitigating an emergency incident. The Project Super has primary responsibility for responding to and directing emergency response operations to correct emergency situations.

This includes taking appropriate measures to ensure the safety of site personnel and the public. He/She is additionally responsible for ensuring that corrective measures have been implemented, appropriate authorities notified, and follow-up reports completed.

6.1 Evacuation Routes and Procedures

In the event of an emergency, which necessitates an evacuation of the site, on-site personnel shall be notified to evacuate the area by immediate emergency exit. The Project Manager shall control the scene until the appropriate municipal and state agencies arrive onsite.

In the event of a chemical release into the atmosphere, safe distances of evacuation will be determined, based on a combination of site- and incident-specific factors.

6.2 Medical Treatment/First Aid

On-site supervisory personnel are trained in CPR and First Aid and shall have a first aid kits for use in a medical emergency. First Aid Kits and eye wash station will be located in the main support areas. Community emergency services (EMS, Fire, and Police) shall be notified immediately if deemed their resources are needed on site. If necessary the injured or sick party shall be taken to a local area hospital. Please refer to **Route to Area Hospital** below for direction to the area hospital.

Head Northeast on Berry Street towards North 7th Street, take the first right onto North 7th Street take the first left onto Bedford Avenue and slight Right to 66 Nassau Avenue.

6.3 Emergency Equipment

Equipment shall be available on-site to handle emergencies such as injuries, fires and spills. This equipment includes first aid supplies, fire extinguishers, and personal protective equipment and spill response equipment.

6.4 Emergency Alarms/Notifications and Procedures

When any emergency occurs on-site, the on-site Project Superintendent shall be notified immediately. The Project Superintendent shall notify the client and his representatives. Please refer to table below for **Emergency Telephone Numbers**. In the event of a medical emergency, fire or spill, personnel will notify the appropriate emergency organization.

Emergency Telephones Numbers

Police Department:	911
Fire Department:	911
Ambulance Services:	911
Tyree Organization, LTD Division Health Safety Rep: Tom Witherel Project Manager/ Superintendent: Matt Boeckel	631-249-3150

6.5 Spill Confinement and Containment

Where spills, leaks or ruptures may occur adequate quantities of spill containment equipment (ground clay, vermiculite, pads, booms, pillows, etc.) shall be kept available and used in areas where minor or major spills, leaks or ruptures may occur. Once a spill has been discovered, the first step is to determine the nature of the spill, its size, and its direction of travel. The Project Manager shall be notified immediately and he will determine what actions will be taken to contain the spill.

Prior to entering a spill area, it is necessary to protect oneself from the adverse effects of the spilled material. Do not enter the area alone.

The decision to use confinement techniques, such as diversion, diking, and retention, should be based on the availability of time, personnel, equipment and supplies.

After a spill is contained, the Project Manager shall determine the appropriate cleanup and disposal methods with input from the client and their representatives. Material spills could occur during line breaking and draining, removing liquids and sludges from Tanks. Additionally, equipment-fueling operations could produce spills. Ultimately, a spill could contaminate sewer systems or cause a release of vapors to the air. A spill of fuel could also ignite. Should an on site spill occur, the immediate response will include closing off the source of the spill, if possible, application of the sorbent material or sand bagging, and street sweeping, as appropriate. All spills will be investigated, and a written report will be provided to the regulatory agencies in accordance with applicable regulations (as required).

7.0 GENERAL CODE OF SAFE WORK PRACTICES

All employees shall follow these safe practices rules, render every possible aid to safe operations, and report all unsafe conditions or practices to their supervisors and/or the Health and Safety Department.

No one shall knowingly be permitted or required to work while the employee's ability or alertness is so impaired by fatigue, illness, or other causes that it might unnecessarily expose the employee or others to injury. Never start on any hazardous job without being completely familiar with the safety techniques which apply to it. Check with your supervisor if in doubt.

Reporting for work or performing work under the influence of drugs or intoxicating substances such that the employee's job performance or safety of the employee or of others may be adversely affected is strictly prohibited.

All injuries are to be reported to your immediate supervisor promptly so that adequate medical attention may be given. An Incident Report/Investigation Form shall be completed and faxed the representative division within 24 hours.

Employees shall not operate equipment unless they are authorized and training to do so and shall ensure that all guards and other protective devices are in proper places and adjusted prior to operation, and shall report deficiencies promptly to their supervisors. Safeguards are not to be altered or removed from tools and equipment.

Approved eye and/or face protection suitable for the conditions encountered are to be worn when working near welding operations, grinding, chipping, or wire brushing, or when working with acids or other harmful substances. Hearing protection shall be worn whenever a noise hazard is present at the work site. Hard Hats are to be worn at all times on site.

No burning, welding, or other source of ignition shall be applied to any enclosed tank or vessel, until it has first been determined that no possibility of explosion exists, and authority for the work is obtained from the supervisor (Hot Work Permit).

All tools and equipment shall be maintained in good condition. Broken or defective equipment shall be taken out of service and/or replace. Employees will inspect equipment prior to using them. Portable electric tools shall not be lifted or lowered by means of the power cord. Ropes shall be used. Electric cords shall not be exposed to damage from vehicles.

Never repair or adjust any machine or equipment unless you are specifically authorized to do so. Never oil, clean, repair, or fuel any machine while it is in operation. Never repair or adjust any electrically driven machine without properly locking/tagging the main switch.

Loose or frayed clothing, or long hair, dangling ties, finger rings, etc., shall not be worn around moving machinery or other sources of entanglement. Do not place equipment and materials so as to block emergency exit routes, fire boxes, sprinkler shutoffs, machine or electrical control panels, or fire extinguishers.

Good housekeeping must be maintained at all times. Smoking is not permitted on any site or office, except in designated areas. Appropriate respirators are to be worn whenever materials or working conditions may create a health hazard.

Tool-Box Safety Briefing Sheet

Date:	**Weather/Temp:**
Crew Chief:	**Project:**

Topics of Toolbox Safety Meeting

- ☐ Hardhats and Safety Shoes
- ☐ Eye & Ear Protection
- ☐ Work Zones and Site Control
- ☐ Heat and Cold Stress
- ☐ Designated Smoking Zone
- ☐ Review Previous Accidents
- ☐ Accident Reporting/Investigation
- ☐ Other_____
- ☐ Other_____
- ☐ Ladder for Excavation
- ☐ Entering Excavation
- ☐ Confined Space Entry
- ☐ Ground Fault Interrupters
- ☐ First Aid and Fire Protection
- ☐ Hazardous Communication
- ☐ Fall Protection (6 Foot Rule)
- ☐ Other_____
- ☐ Other_____

Attendees

PRINT NAME	SIGNATURE

Daily Operations & J S A

JSA #
JSA#

Crew Chief/Super Signature: COMPETENT PERSON

APPENDIX C

SOIL BORING GEOLOGIC LOGS

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	SSB-1
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	10' bls
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					
	2					
	3		14	0.5		Dry, medium-coarse sands with gravel + brick no odor/staining
	4					
	5					
	6					
	7					
	8		32	2.2		Dry, medium-fine sands with silt and clay no odor/staining
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					8:15 - SSB-1 sampled (0-2')
	19					
	20					11:35 - SSB-1 sampled (3-5')
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	SSB-2
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	10' bls
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					
	2					
	3		16	0.0		Moist, brown clay-soft mixed with fine sands and cobbles
	4					
	5					no odor/staining
	6					
	7					Dry, brown, clay-soft mixed with cobbles
	8		32	0.1		
	9					
	10					no odor/staining
	11					
	12					
	13					
	14					
	15					
	16					8:30 - SSB-2 sampled (0-2')
	17					11:45 - SSB-2 sampled (3-5')
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	SSB-3
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	10'
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					Dry, brown, medium sands mixed with silt, clay and gravel no odor/staining
	2					
	3		29	0.2		
	4					
	5					
	6					Dry, gray, medium sands mixed with clay and cobbles no odor/staining
	7					
	8		25	0.4		
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					8:45 - SSB-3 Sampled (0-2')
	17					11:55 - SSB-3 Sampled (3-5')
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	SSB-4
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/17
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	10'
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					
	2					Dry, brown, medium sands mixed with silt and gravel
	3		24	0.3		
	4					
	5					no odor/staining
	6					
	7					Dry, brown, medium sands mixed with clay and cobbles
	8		40	0.3		
	9					
	10					no odor/staining
	11					
	12					
	13					
	14					
	15					
	16					8:55 - SSB-4 sampled (0-2')
	17					
	18					12:25 - SSB-4 sampled (3-5')
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project: Berry Street OER	Log ID: SSB-5
Location: 125-137 Berry Street Brooklyn, NY	
Completion Date: 7/26/12	
Driller: Laurel Environmental	Drill Rig: Geoprobe 6610DT
Drill Method: Direct push	
Inspector: Theresa Burkard	Sample Type: 5' macro-core
Boring Diameter	
Total Depth: 10'	Riser
Grout / Seal	
Screen Depth	Screen
Gravel Pack	
Depth To Water	Well Head
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					Dry, light brown, medium sands
	2					mixed with silt and gravel
	3		29	0.1		
	4					
	5					no odor/staining
	6					Dry, brown, medium sands
	7					mixed with clay
	8		19	0.1		
	9					
	10					no odor/staining
	11					
	12					
	13					
	14					
	15					
	16					9:05 - SSB-5 Sampled (0-2')
	17					
	18					12:35 - SSB-6 Sampled (3-5')
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project: Berry Street OER	Log ID: SSB-6
Location: 125-137 Berry Street Brooklyn, NY	
Completion Date: 7/26/12	
Driller: Laurel Environmental	Drill Rig: Geoprobe 6610DT
Drill Method: Direct push	
Inspector: Theresa Burkard	Sample Type: 5' macro-core
Boring Diameter	
Total Depth: 10'	Riser
Grout / Seal	
Screen Depth: NA	Screen
Gravel Pack	
Depth To Water: NA	Well Head
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					Dry, light brown, medium sands
	2					mixed with silt and gravel
	3		31	0.0		
	4					
	5					no odor/staining
	6					Dry, brown, soft clay with
	7			0.2		medium sands and cobbles
	8		45			
	9			0.2		
	10					no odor/staining
	11					
	12					
	13					
	14					
	15					
	16					9:15 - SSB-6 Sampled (0-2')
	17					
	18					12:45 - SSB-6 Sampled (10-12')
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	MLB-1
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	15'
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					Approximately 4" concrete to
	2			0.2		Dry, brown, medium sands with
	3		46			silt and gravel
	4			0.5		no odor/staining
	5					
	6					Dry, brown medium → fine sands
	7					with silt and gravel
	8			0.1		
	9					no odor/staining
	10					
	11					Dry, brown, medium/fine sand with
	12			0.2		silt and gravel
	13		41			
	14			0.3		no odor/staining
	15					
	16					9:30 - MLB-1 (0-2') Sampled
	17					
	18					9:45 - MLB-1 (10-12') Sampled
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	MLB-2
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	15'
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1			0.8		Dry, brown, medium-fine sands with cobbles and silt
	2					
	3		42"			
	4					
	5			2.3		no odor/staining
	6					Dry, brown, medium/fine sands with cobbles and silt.
	7					
	8			1.8		
	9					
	10					no odor/staining
	11					Dry, brown, fine sands with trace silt and gravel
	12					
	13		38"	0.6		
	14					
	15					no odor/staining
	16					10:30 - MLB-2(0-2') Sampled
	17					
	18					
	19					
	20					10:45 - MLB-2(10-12') Sampled
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

Tyree Environmental Corp

208 Route 109, Farmingdale, NY 11735

Project	Berry Street OER
Log ID	MLB-3
Location	125-137 Berry Street Brooklyn, NY
Completion Date	7/26/12
Driller	Laurel Environmental
Drill Rig	Geoprobe 6610DT
Drill Method	Direct push
Inspector	Theresa Burkard
Sample Type	5' macro-core
Boring Diameter	
Total Depth	15'
Riser	
Grout / Seal	
Screen Depth	NA
Screen	
Gravel Pack	
Depth To Water	NA
Well Head	
Concrete Pad	

Well Construction	Depth (ft)	Blow Counts	Recovery (inches)	PID (ppm)	Water Depth (ft)	Lithology / Visual Description / Driller Remarks
	1					Dry, brown, fine sands mixed
	2					with brick and clay
	3		16	0.9		
	4					
	5					no odor/staining
	6					Dry, brown, soft clay with
	7					gravel
	8			0.7		
	9					
	10					no odor/staining
	11			0.6		Saturated, brown, coarse sands
	12					to moist, soft brown clay with
	13		36			gravel.
	14			1.0		
	15					no odor/staining
	16					11:20 - MLB-3 (0-2') sampled
	17					
	18					
	19					11:30 - MLB-3 (10-12') sampled
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
	32					
	33					
	34					
	35					
	36					
	37					
	38					
	39					
	40					

Screen | Riser | Gravel Pack | Bentonite | Native Soils

NR - No Recovery
ND - Non Detect
NA - Not Available

APPENDIX D

SAMPLING LOGS

GROUND WATER SAMPLING LOG

Site Name: 131 Berry Street Location: 125-137 Berry Street, Brooklyn, New York

Project Number: OER #12EHAZ318K Sampler Name: Matthew Boeckel Date: August 8, 2012

Well Designation: MW-1 Well Diameter: 2 in. Depth to Product: ft. Depth to Water: 29.71 ft.

Depth to Bottom: 40 ft. Measuring Point: North side of casing Purge Rate for Sampling: 1 L/min

Time	pH	Temperature	Conductivity	Dissolved O2	Turbidity	Salinity	Notes
8:45	6.95	10.9	1.54	8.75	188	.08	
9:00	6.91	11.2	1.87	8.95	95	.08	
9:15	7.06	12.7	1.84	7.75	80	.08	
9:30	7.01	12.8	1.77	8.02	55	.08	
9:45	6.99	12.5	1.62	8.65	45	.08	Sample collected

Notes: 2” = 617 ml/ft., 4” = 2,470 ml/ft., vol. cyl. = $\pi r^2 H$, vol. sphere $4/3\pi R$

GROUND WATER SAMPLING LOG

Site Name: 131 Berry Street Location: 125-137 Berry Street, Brooklyn, New York

Project Number: OER #12EHAZ318K Sampler Name: Matthew Boeckel Date: August 8, 2012

Well Designation: MW-2 Well Diameter: 2 in. Depth to Product: ft. Depth to Water: 29.42 ft.

Depth to Bottom: 40 ft. Measuring Point: North side of casing Purge Rate for Sampling: 1 L/min

Time	pH	Temperature	Conductivity	Dissolved O2	Turbidity	Salinity	Notes
9:50	7.04	11.5	1.48	8.42	225	.08	
10:00	7.06	11.8	1.77	9.01	175	.08	
10:15	6.86	12.1	1.80	8.89	108	.08	
10:30	6.95	12.5	1.75	8.92	90	.08	
10:45	7.01	12.9	1.79	8.77	38	.08	Sample collected

Notes: 2” = 617 ml/ft., 4” = 2,470 ml/ft., vol. cyl. = $\pi r^2 H$, vol. sphere $4/3\pi R$

GROUND WATER SAMPLING LOG

Site Name: 131 Berry Street Location: 125-137 Berry Street, Brooklyn, New York

Project Number: OER #12EHAZ318K Sampler Name: Matthew Boeckel Date: August 8, 2012

Well Designation: MW-3 Well Diameter: 2 in. Depth to Product: ft. Depth to Water: 26.40 ft.

Depth to Bottom: 40 ft. Measuring Point: North side of casing Purge Rate for Sampling: .250 ml/min

Time	pH	Temperature	Conductivity	Dissolved O2	Turbidity	Salinity	Notes
11:00	6.98	12.1	1.44	7.78	>500	.08	
11:30	6.95	12.8	1.65	7.65	>500	.08	
12:00	6.78	12.3	1.75	7.43	>500	.08	
12:30	6.77	12.6	1.78	7.55	>500	.08	
12:45	6.94	12.4	1.69	7.59	>500	.08	Sample collected

Notes: 2” = 617 ml/ft., 4” = 2,470 ml/ft., vol. cyl. = $\pi r^2 H$, vol. sphere $4/3\pi R$

SOIL VAPOR SAMPLING LOG

Site Name: 131 Berry Street Location: 125-137 Berry Street, Brooklyn, New York

Project Number: OER #12EHAZ318K Sampler Name: Matthew Boeckel Date: July 27, 2012

Well Diameter: 2 in. Depth to Bottom: 12 ft. Measuring Point: North side of casing

Purge Rate for Sampling: 0.05 L/min

Location	Sample Type	Canister Serial #	Flow Controller Serial #	Start Time	Canister Pressure	Stop Time	Canister Pressure
SVP-1	Soil Vapor	A1019	FC386	8:55	29.5 " Hg	10:55	7.0 " Hg
SVP-2	Soil Vapor	A231	FC170	9:04	29.5 " Hg	11:04	6.0 " Hg
SVP-3	Soil Vapor	A654	FC311	9:09	30.0 " Hg	11:09	6.0 " Hg

APPENDIX E

LABORATORY ANALYTICAL REPORT FOR SOIL SAMPLES

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Laboratory Identifier: 1207346

Received: 7/26/2012 16:13
Sampled by: Theresa Burkard

Client: Tyree Environmental Corp. (28739)

208 Route 109
Farmingdale,
NY 11735

Project: Berry Street

125-137 Berry Street
Brooklyn ,
NY

Manager: Matt Boeckel

Respectfully submitted,

Juan R.Cuba - Technical Director

NYS Lab ID # 10969
NJ Lab ID # PH0645
CT Lab ID # PH0645
PA Lab ID # 68-0053

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Quality Services, Inc. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2603	7.56	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2603	2.03	ND	ug/Kg	U
67-66-3	Chloroform	E206-2603	2.26	ND	ug/Kg	U
71-43-2	Benzene	E206-2603	2.09	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2603	2.04	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2603	2.25	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2603	1.67	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2603	1.79	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2603	2.22	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2603	2.24	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2603	2.46	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2603	2.11	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2603	1.47	ND	ug/Kg	U
75-25-2	Bromoform	E206-2603	1.02	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2603	1.39	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2603	1.79	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2603	2.12	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2603	16.9	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2603	2.14	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2603	1.16	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2603	1.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2603	2.26	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2603	4.07	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2603	2.14	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2603	1.95	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2603	2.23	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2603	1.97	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2603	2.02	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2603	1.56	ND	ug/Kg	U
95-47-6	o-xylene	E206-2603	2.45	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2603	2.59	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2603	2.33	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2603	2.44	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2603	1.77	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2603	1.13	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2603	2.02	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2603	2.33	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2603	2.37	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2603	2.41	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2603	1.98	ND	ug/Kg	U
100-42-5	Styrene	E206-2603	2.03	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2603	2.18	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2603	2.41	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2603	2.22	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2603	2.32	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2603	2.37	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2603	2.09	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2603	2.25	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2603	4.36	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2603	5.44	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2603	4.68	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2603	2.42	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2603	2.43	ND	ug/Kg	U
108-88-3	Toluene	E206-2603	2.13	**5.84**	ug/Kg	
108-90-7	Chlorobenzene	E206-2603	2.40	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2603	3.23	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2603	2.08	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2603	1.33	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2603	2.40	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2603	2.44	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2603	2.45	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2603	2.07	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2603	2.04	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2603	2.27	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 08:15
% Solid: 89.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2603	1.96	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2603	1.94	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2603	3.60	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2603	2.40	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2603	2.08	ND	ug/Kg	U
994-05-8	TAME	E206-2603	1.97	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2603	1.93	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2603	2.17	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2603	1.62	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2603	116.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2603	81.6 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2603	114.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2603	100.0 %	(87 - 109)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2604	7.70	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2604	2.06	ND	ug/Kg	U
67-66-3	Chloroform	E206-2604	2.30	ND	ug/Kg	U
71-43-2	Benzene	E206-2604	2.13	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2604	2.07	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2604	2.29	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2604	1.70	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2604	1.82	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2604	2.26	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2604	2.28	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2604	2.51	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2604	2.14	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2604	1.49	ND	ug/Kg	U
75-25-2	Bromoform	E206-2604	1.04	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2604	1.41	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2604	1.82	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2604	2.15	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2604	17.2	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2604	2.18	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2604	1.19	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2604	1.96	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2604	2.30	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2604	4.14	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2604	2.18	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2604	1.98	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2604	2.27	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2604	2.01	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2604	2.05	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2604	1.58	ND	ug/Kg	U
95-47-6	o-xylene	E206-2604	2.50	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2604	2.63	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2604	2.37	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 08:30
% Solid: 87.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2604	2.49	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2604	1.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2604	1.15	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2604	2.05	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2604	2.37	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2604	2.42	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2604	2.45	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2604	2.02	ND	ug/Kg	U
100-42-5	Styrene	E206-2604	2.06	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2604	2.22	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2604	2.45	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2604	2.26	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2604	2.36	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2604	2.42	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2604	2.13	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2604	2.29	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2604	4.43	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2604	5.54	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2604	4.77	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2604	2.46	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2604	2.47	ND	ug/Kg	U
108-88-3	Toluene	E206-2604	2.17	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2604	2.44	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2604	3.28	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2604	2.12	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2604	1.36	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2604	2.44	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2604	2.49	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2604	2.50	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2604	2.11	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2604	2.07	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2604	2.31	ND	ug/Kg	U

Environmental Quality Services, Inc.
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 08:30
% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2604	2.00	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2604	1.97	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2604	3.66	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2604	2.44	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2604	2.12	ND	ug/Kg	U
994-05-8	TAME	E206-2604	2.01	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2604	1.96	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2604	2.21	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2604	1.65	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2604	118.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2604	90.4 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2604	114.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2604	93.9 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2605	7.56	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2605	2.03	ND	ug/Kg	U
67-66-3	Chloroform	E206-2605	2.26	ND	ug/Kg	U
71-43-2	Benzene	E206-2605	2.09	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2605	2.04	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2605	2.25	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2605	1.67	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2605	1.79	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2605	2.22	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2605	2.24	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2605	2.46	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2605	2.11	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2605	1.47	ND	ug/Kg	U
75-25-2	Bromoform	E206-2605	1.02	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2605	1.39	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2605	1.79	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2605	2.12	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2605	16.9	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2605	2.14	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2605	1.16	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2605	1.93	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2605	2.26	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2605	4.07	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2605	2.14	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2605	1.95	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2605	2.23	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2605	1.97	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2605	2.02	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2605	1.56	ND	ug/Kg	U
95-47-6	o-xylene	E206-2605	2.45	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2605	2.59	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2605	2.33	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2605	2.44	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2605	1.77	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2605	1.13	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2605	2.02	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2605	2.33	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2605	2.37	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2605	2.41	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2605	1.98	ND	ug/Kg	U
100-42-5	Styrene	E206-2605	2.03	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2605	2.18	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2605	2.41	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2605	2.22	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2605	2.32	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2605	2.37	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2605	2.09	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2605	2.25	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2605	4.36	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2605	5.44	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2605	4.68	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2605	2.42	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2605	2.43	ND	ug/Kg	U
108-88-3	Toluene	E206-2605	2.13	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2605	2.40	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2605	3.23	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2605	2.08	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2605	1.33	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2605	2.40	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2605	2.44	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2605	2.45	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2605	2.07	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2605	2.04	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2605	2.27	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 08:45
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2605	1.96	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2605	1.94	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2605	3.60	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2605	2.40	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2605	2.08	ND	ug/Kg	U
994-05-8	TAME	E206-2605	1.97	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2605	1.93	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2605	2.17	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2605	1.62	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2605	121.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2605	86.2 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2605	118.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2605	91.8 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2606	7.76	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2606	2.08	ND	ug/Kg	U
67-66-3	Chloroform	E206-2606	2.32	ND	ug/Kg	U
71-43-2	Benzene	E206-2606	2.15	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2606	2.09	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2606	2.31	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2606	1.71	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2606	1.84	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2606	2.28	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2606	2.30	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2606	2.53	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2606	2.16	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2606	1.51	ND	ug/Kg	U
75-25-2	Bromoform	E206-2606	1.05	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2606	1.43	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2606	1.84	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2606	2.17	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2606	17.4	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2606	2.20	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2606	1.20	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2606	1.98	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2606	2.32	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2606	4.17	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2606	2.20	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2606	2.00	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2606	2.29	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2606	2.02	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2606	2.07	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2606	1.60	ND	ug/Kg	U
95-47-6	o-xylene	E206-2606	2.52	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2606	2.66	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2606	2.39	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2606	2.51	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2606	1.82	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2606	1.16	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2606	2.07	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2606	2.39	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2606	2.44	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2606	2.47	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2606	2.04	ND	ug/Kg	U
100-42-5	Styrene	E206-2606	2.08	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2606	2.24	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2606	2.47	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2606	2.28	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2606	2.38	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2606	2.44	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2606	2.15	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2606	2.31	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2606	4.47	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2606	5.59	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2606	4.81	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2606	2.48	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2606	2.50	ND	ug/Kg	U
108-88-3	Toluene	E206-2606	2.18	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2606	2.46	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2606	3.31	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2606	2.14	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2606	1.37	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2606	2.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2606	2.51	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2606	2.52	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2606	2.13	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2606	2.09	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2606	2.33	ND	ug/Kg	U

Environmental Quality Services, Inc.
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 08:55
% Solid: 87.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2606	2.01	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2606	1.99	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2606	3.69	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2606	2.46	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2606	2.14	ND	ug/Kg	U
994-05-8	TAME	E206-2606	2.02	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2606	1.98	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2606	2.23	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2606	1.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2606	118.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2606	91.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2606	115.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2606	94.3 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2607	7.29	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2607	1.95	ND	ug/Kg	U
67-66-3	Chloroform	E206-2607	2.18	ND	ug/Kg	U
71-43-2	Benzene	E206-2607	2.02	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2607	1.97	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2607	2.17	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2607	1.61	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2607	1.73	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2607	2.14	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2607	2.16	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2607	2.38	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2607	2.03	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2607	1.41	ND	ug/Kg	U
75-25-2	Bromoform	E206-2607	0.98	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2607	1.34	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2607	1.73	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2607	2.04	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2607	16.3	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2607	2.06	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2607	1.12	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2607	1.86	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2607	2.18	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2607	3.92	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2607	2.06	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2607	1.88	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2607	2.15	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2607	1.90	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2607	1.94	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2607	1.50	ND	ug/Kg	U
95-47-6	o-xylene	E206-2607	2.37	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2607	2.49	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2607	2.25	ND	ug/Kg	U

Environmental Quality Services, Inc.
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2607	2.35	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2607	1.71	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2607	1.09	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2607	1.94	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2607	2.25	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2607	2.29	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2607	2.32	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2607	1.91	ND	ug/Kg	U
100-42-5	Styrene	E206-2607	1.95	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2607	2.11	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2607	2.32	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2607	2.14	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2607	2.24	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2607	2.29	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2607	2.02	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2607	2.17	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2607	4.20	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2607	5.25	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2607	4.51	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2607	2.33	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2607	2.34	ND	ug/Kg	U
108-88-3	Toluene	E206-2607	2.05	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2607	2.31	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2607	3.11	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2607	2.01	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2607	1.29	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2607	2.31	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2607	2.35	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2607	2.37	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2607	2.00	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2607	1.97	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2607	2.19	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 09:05
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2607	1.89	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2607	1.87	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2607	3.47	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2607	2.31	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2607	2.01	ND	ug/Kg	U
994-05-8	TAME	E206-2607	1.90	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2607	1.86	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2607	2.10	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2607	1.57	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2607	121.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2607	92.4 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2607	118.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2607	99.1 %	(87 - 109)	

Environmental Quality Services, Inc.
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2608	7.43	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2608	1.99	ND	ug/Kg	U
67-66-3	Chloroform	E206-2608	2.22	ND	ug/Kg	U
71-43-2	Benzene	E206-2608	2.06	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2608	2.00	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2608	2.21	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2608	1.64	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2608	1.76	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2608	2.18	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2608	2.20	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2608	2.42	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2608	2.07	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2608	1.44	ND	ug/Kg	U
75-25-2	Bromoform	E206-2608	1.00	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2608	1.36	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2608	1.76	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2608	2.08	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2608	16.6	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2608	2.10	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2608	1.14	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2608	1.89	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2608	2.22	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2608	3.99	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2608	2.10	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2608	1.91	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2608	2.19	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2608	1.94	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2608	1.98	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2608	1.53	ND	ug/Kg	U
95-47-6	o-xylene	E206-2608	2.41	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2608	2.54	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2608	2.29	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2608	2.40	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2608	1.74	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2608	1.11	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2608	1.98	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2608	2.29	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2608	2.33	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2608	2.37	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2608	1.95	ND	ug/Kg	U
100-42-5	Styrene	E206-2608	1.99	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2608	2.14	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2608	2.37	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2608	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2608	2.28	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2608	2.33	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2608	2.06	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2608	2.21	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2608	4.28	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2608	5.35	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2608	4.60	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2608	2.38	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2608	2.39	ND	ug/Kg	U
108-88-3	Toluene	E206-2608	2.09	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2608	2.35	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2608	3.17	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2608	2.05	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2608	1.31	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2608	2.35	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2608	2.40	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2608	2.41	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2608	2.04	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2608	2.00	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2608	2.23	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 09:15
% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2608	1.92	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2608	1.90	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2608	3.53	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2608	2.35	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2608	2.05	ND	ug/Kg	U
994-05-8	TAME	E206-2608	1.94	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2608	1.89	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2608	2.13	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2608	1.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2608	121.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2608	89.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2608	118.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2608	97.6 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 09:30
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2609	7.49	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2609	2.01	ND	ug/Kg	U
67-66-3	Chloroform	E206-2609	2.24	ND	ug/Kg	U
71-43-2	Benzene	E206-2609	2.08	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2609	2.02	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2609	2.23	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2609	1.65	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2609	1.78	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2609	2.20	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2609	2.22	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2609	2.44	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2609	2.09	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2609	1.45	ND	ug/Kg	U
75-25-2	Bromoform	E206-2609	1.01	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2609	1.38	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2609	1.78	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2609	2.10	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2609	16.8	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2609	2.12	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2609	1.15	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2609	1.91	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2609	2.24	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2609	4.03	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2609	2.12	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2609	1.93	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2609	2.21	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2609	1.95	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2609	2.00	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2609	1.54	ND	ug/Kg	U
95-47-6	o-xylene	E206-2609	2.43	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2609	2.56	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2609	2.31	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 09:30
% Solid: 90.3%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2609	2.42	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2609	1.75	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2609	1.12	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2609	2.00	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2609	2.31	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2609	2.35	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2609	2.39	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2609	1.96	ND	ug/Kg	U
100-42-5	Styrene	E206-2609	2.01	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2609	2.16	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2609	2.39	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2609	2.20	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2609	2.30	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2609	2.35	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2609	2.08	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2609	2.23	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2609	4.32	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2609	5.39	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2609	4.64	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2609	2.40	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2609	2.41	ND	ug/Kg	U
108-88-3	Toluene	E206-2609	2.11	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2609	2.38	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2609	3.20	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2609	2.06	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2609	1.32	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2609	2.38	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2609	2.42	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2609	2.43	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2609	2.05	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2609	2.02	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2609	2.25	ND	ug/Kg	U

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 09:30
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2609	1.94	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2609	1.92	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2609	3.56	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2609	2.38	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2609	2.06	ND	ug/Kg	U
994-05-8	TAME	E206-2609	1.95	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2609	1.91	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2609	2.15	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2609	1.61	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2609	120.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2609	92.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2609	120.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2609	90.9 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 09:45
% Solid: 91.2%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2610	7.43	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2610	1.99	ND	ug/Kg	U
67-66-3	Chloroform	E206-2610	2.22	ND	ug/Kg	U
71-43-2	Benzene	E206-2610	2.06	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2610	2.00	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2610	2.21	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2610	1.64	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2610	1.76	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2610	2.18	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2610	2.20	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2610	2.42	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2610	2.07	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2610	1.44	ND	ug/Kg	U
75-25-2	Bromoform	E206-2610	1.00	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2610	1.36	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2610	1.76	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2610	2.08	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2610	16.6	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2610	2.10	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2610	1.14	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2610	1.89	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2610	2.22	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2610	3.99	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2610	2.10	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2610	1.91	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2610	2.19	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2610	1.94	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2610	1.98	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2610	1.53	ND	ug/Kg	U
95-47-6	o-xylene	E206-2610	2.41	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2610	2.54	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2610	2.29	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2610	2.40	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2610	1.74	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2610	1.11	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2610	1.98	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2610	2.29	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2610	2.33	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2610	2.37	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2610	1.95	ND	ug/Kg	U
100-42-5	Styrene	E206-2610	1.99	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2610	2.14	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2610	2.37	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2610	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2610	2.28	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2610	2.33	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2610	2.06	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2610	2.21	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2610	4.28	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2610	5.35	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2610	4.60	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2610	2.38	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2610	2.39	ND	ug/Kg	U
108-88-3	Toluene	E206-2610	2.09	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2610	2.35	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2610	3.17	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2610	2.05	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2610	1.31	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2610	2.35	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2610	2.40	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2610	2.41	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2610	2.04	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2610	2.00	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2610	2.23	ND	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 09:45
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2610	1.92	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2610	1.90	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2610	3.53	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2610	2.35	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2610	2.05	ND	ug/Kg	U
994-05-8	TAME	E206-2610	1.94	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2610	1.89	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2610	2.13	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2610	1.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2610	122.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2610	91.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2610	119.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2610	99.6 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 10:30
% Solid: 91.8%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2611	7.36	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2611	1.97	ND	ug/Kg	U
67-66-3	Chloroform	E206-2611	2.20	ND	ug/Kg	U
71-43-2	Benzene	E206-2611	2.04	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2611	1.98	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2611	2.19	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2611	1.62	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2611	1.74	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2611	2.16	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2611	2.18	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2611	2.40	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2611	2.05	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2611	1.43	ND	ug/Kg	U
75-25-2	Bromoform	E206-2611	0.99	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2611	1.35	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2611	1.74	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2611	2.06	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2611	16.5	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2611	2.08	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2611	1.13	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2611	1.87	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2611	2.20	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2611	3.96	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2611	2.08	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2611	1.90	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2611	2.17	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2611	1.92	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2611	1.96	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2611	1.52	ND	ug/Kg	U
95-47-6	o-xylene	E206-2611	2.39	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2611	2.52	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2611	2.27	ND	ug/Kg	U

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 10:30
% Solid: 91.8%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2611	2.38	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2611	1.72	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2611	1.10	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2611	1.96	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2611	2.27	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2611	2.31	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2611	2.34	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2611	1.93	ND	ug/Kg	U
100-42-5	Styrene	E206-2611	1.97	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2611	2.13	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2611	2.34	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2611	2.16	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2611	2.26	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2611	2.31	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2611	2.04	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2611	2.19	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2611	4.24	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2611	5.30	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2611	4.56	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2611	2.35	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2611	2.37	ND	ug/Kg	U
108-88-3	Toluene	E206-2611	2.07	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2611	2.33	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2611	3.14	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2611	2.03	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2611	1.30	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2611	2.33	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2611	2.38	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2611	2.39	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2611	2.02	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2611	1.98	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2611	2.21	ND	ug/Kg	U

Environmental Quality Services, Inc.
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 10:30
% Solid: 91.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2611	1.91	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2611	1.89	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2611	3.50	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2611	2.33	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2611	2.03	ND	ug/Kg	U
994-05-8	TAME	E206-2611	1.92	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2611	1.87	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2611	2.11	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2611	1.58	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2611	122.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2611	91.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2611	118.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2611	99.0 %	(87 - 109)	

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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2612	7.22	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2612	1.94	ND	ug/Kg	U
67-66-3	Chloroform	E206-2612	2.16	ND	ug/Kg	U
71-43-2	Benzene	E206-2612	2.00	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2612	1.95	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2612	2.15	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2612	1.59	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2612	1.71	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2612	2.12	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2612	2.14	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2612	2.35	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2612	2.01	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2612	1.40	ND	ug/Kg	U
75-25-2	Bromoform	E206-2612	0.97	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2612	1.33	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2612	1.71	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2612	2.02	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2612	16.2	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2612	2.04	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2612	1.11	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2612	1.84	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2612	2.16	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2612	3.88	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2612	2.04	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2612	1.86	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2612	2.13	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2612	1.88	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2612	1.93	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2612	1.49	ND	ug/Kg	U
95-47-6	o-xylene	E206-2612	2.34	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2612	2.47	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2612	2.23	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
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8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2612	2.33	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2612	1.69	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2612	1.08	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2612	1.93	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2612	2.23	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2612	2.27	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2612	2.30	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2612	1.89	ND	ug/Kg	U
100-42-5	Styrene	E206-2612	1.94	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2612	2.09	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2612	2.30	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2612	2.12	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2612	2.21	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2612	2.27	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2612	2.00	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2612	2.15	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2612	4.16	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2612	5.20	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2612	4.47	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2612	2.31	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2612	2.32	ND	ug/Kg	U
108-88-3	Toluene	E206-2612	2.03	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2612	2.29	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2612	3.08	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2612	1.99	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2612	1.27	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2612	2.29	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2612	2.33	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2612	2.34	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2612	1.98	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2612	1.95	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2612	2.17	ND	ug/Kg	U

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 10:45
% Solid: 93.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2612	1.87	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2612	1.85	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2612	3.43	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2612	2.29	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2612	1.99	ND	ug/Kg	U
994-05-8	TAME	E206-2612	1.88	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2612	1.84	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2612	2.08	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2612	1.55	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2612	124.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2612	92.1 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2612	114.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2612	89.1 %	(87 - 109)	

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 11:20
% Solid: 90.6%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2613	7.43	**52.5**	ug/Kg	
56-23-5	Carbon Tetrachloride	E206-2613	1.99	ND	ug/Kg	U
67-66-3	Chloroform	E206-2613	2.22	ND	ug/Kg	U
71-43-2	Benzene	E206-2613	2.06	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2613	2.00	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2613	2.21	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2613	1.64	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2613	1.76	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2613	2.18	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2613	2.20	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2613	2.42	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2613	2.07	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2613	1.44	ND	ug/Kg	U
75-25-2	Bromoform	E206-2613	1.00	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2613	1.36	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2613	1.76	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2613	2.08	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2613	16.6	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2613	2.10	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2613	1.14	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2613	1.89	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2613	2.22	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2613	3.99	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2613	2.10	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2613	1.91	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2613	2.19	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2613	1.94	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2613	1.98	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2613	1.53	**8.84**	ug/Kg	
95-47-6	o-xylene	E206-2613	2.41	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2613	2.54	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2613	2.29	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Type: Grab

Collected: 7/26/2012 11:20
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2613	2.40	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2613	1.74	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2613	1.11	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2613	1.98	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2613	2.29	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2613	2.33	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2613	2.37	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2613	1.95	ND	ug/Kg	U
100-42-5	Styrene	E206-2613	1.99	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2613	2.14	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2613	2.37	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2613	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2613	2.28	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2613	2.33	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2613	2.06	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2613	2.21	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2613	4.28	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2613	5.35	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2613	4.60	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2613	2.38	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2613	2.39	ND	ug/Kg	U
108-88-3	Toluene	E206-2613	2.09	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2613	2.35	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2613	3.17	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2613	2.05	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2613	1.31	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2613	2.35	**4.09**	ug/Kg	J
135-98-8	sec-Butylbenzene	E206-2613	2.40	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2613	2.41	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2613	2.04	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2613	2.00	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2613	2.23	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 11:20
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2613	1.92	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2613	1.90	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2613	3.53	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2613	2.35	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2613	2.05	ND	ug/Kg	U
994-05-8	TAME	E206-2613	1.94	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2613	1.89	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2613	2.13	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2613	1.60	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2613	125.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2613	87.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2613	114.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2613	87.3 %	(87 - 109)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks: See Case Narrative
Analyzed Date: 8/3/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	E206-2614	7.90	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E206-2614	2.12	ND	ug/Kg	U
67-66-3	Chloroform	E206-2614	2.36	ND	ug/Kg	U
71-43-2	Benzene	E206-2614	2.19	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E206-2614	2.13	ND	ug/Kg	U
74-83-9	Bromomethane	E206-2614	2.35	ND	ug/Kg	U
74-87-3	Chloromethane	E206-2614	1.74	ND	ug/Kg	U
74-95-3	Dibromomethane	E206-2614	1.87	ND	ug/Kg	U
74-97-5	Bromochloromethane	E206-2614	2.32	ND	ug/Kg	U
75-00-3	Chloroethane	E206-2614	2.34	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E206-2614	2.57	ND	ug/Kg	U
75-09-2	Methylene Chloride	E206-2614	2.20	ND	ug/Kg	U
75-15-0	Carbon disulfide	E206-2614	1.53	ND	ug/Kg	U
75-25-2	Bromoform	E206-2614	1.06	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E206-2614	1.45	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E206-2614	1.87	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E206-2614	2.21	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E206-2614	17.7	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E206-2614	2.23	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E206-2614	1.22	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E206-2614	2.01	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E206-2614	2.36	ND	ug/Kg	U
78-93-3	2-Butanone	E206-2614	4.25	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E206-2614	2.23	ND	ug/Kg	U
79-01-6	Trichloroethene	E206-2614	2.04	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E206-2614	2.33	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E206-2614	2.06	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E206-2614	2.11	ND	ug/Kg	U
91-20-3	Naphthalene	E206-2614	1.63	ND	ug/Kg	U
95-47-6	o-xylene	E206-2614	2.56	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E206-2614	2.70	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E206-2614	2.43	ND	ug/Kg	U

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 11:30
% Solid: 85.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	E206-2614	2.55	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E206-2614	1.85	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E206-2614	1.18	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E206-2614	2.11	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E206-2614	2.43	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E206-2614	2.48	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E206-2614	2.52	ND	ug/Kg	U
100-41-4	Ethylbenzene	E206-2614	2.07	ND	ug/Kg	U
100-42-5	Styrene	E206-2614	2.12	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E206-2614	2.28	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E206-2614	2.52	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E206-2614	2.32	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E206-2614	2.42	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E206-2614	2.48	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E206-2614	2.19	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E206-2614	2.35	ND	ug/Kg	U
107-13-1	Acrylonitrile	E206-2614	4.55	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E206-2614	5.69	ND	ug/Kg	U
108-38-3	m,p-xylene	E206-2614	4.89	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E206-2614	2.53	ND	ug/Kg	U
108-86-1	Bromobenzene	E206-2614	2.54	ND	ug/Kg	U
108-88-3	Toluene	E206-2614	2.22	ND	ug/Kg	U
108-90-7	Chlorobenzene	E206-2614	2.50	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E206-2614	3.37	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E206-2614	2.18	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E206-2614	1.39	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E206-2614	2.50	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E206-2614	2.55	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E206-2614	2.56	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E206-2614	2.16	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E206-2614	2.13	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E206-2614	2.38	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

Volatiles - EPA 8260B

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/3/2012
Collected: 7/26/2012 11:30
% Solid: 85.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
563-58-6	1,1-Dichloropropene	E206-2614	2.05	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E206-2614	2.02	ND	ug/Kg	U
591-78-6	2-Hexanone	E206-2614	3.76	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E206-2614	2.50	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	E206-2614	2.18	ND	ug/Kg	U
994-05-8	TAME	E206-2614	2.06	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E206-2614	2.01	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E206-2614	2.27	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	E206-2614	1.70	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E206-2614	121.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E206-2614	93.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	E206-2614	119.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E206-2614	88.2 %	(87 - 109)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2887-134	46.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2887-134	34.6	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2887-134	33.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2887-134	37.7	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2887-134	36.5	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2887-134	44.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2887-134	24.3	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2887-134	42.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2887-134	36.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2887-134	46.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2887-134	395	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2887-134	67.3	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2887-134	46.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2887-134	54.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2887-134	54.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2887-134	44.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2887-134	40.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2887-134	58.4	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2887-134	34.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2887-134	34.6	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2887-134	54.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2887-134	19.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2887-134	490	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2887-134	50.9	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2887-134	41.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2887-134	42.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2887-134	43.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2887-134	110	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2887-134	748	ND	ug/Kg	U
83-32-9	Acenaphthene	C2887-134	47.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2887-134	38.6	ND	ug/Kg	U
62-53-3	Aniline	C2887-134	34.9	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2887-134	49.9	**123**	ug/Kg	J
92-87-5	Benzidine	C2887-134	984	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2887-134	47.4	**672**	ug/Kg	
50-32-8	Benzo(a)pyrene	C2887-134	58.4	**488**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2887-134	46.5	**566**	ug/Kg	
191-24-2	Benzo(g,h,i)perylene	C2887-134	85.7	**516**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	C2887-134	85.3	**576**	ug/Kg	
65-85-0	Benzoic acid	C2887-134	6570	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2887-134	66.1	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2887-134	59.2	ND	ug/Kg	U
86-74-8	Carbazole	C2887-134	64.6	**70.6**	ug/Kg	J
218-01-9	Chrysene	C2887-134	59.3	**721**	ug/Kg	
	Cresols	C2887-134	74.7	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2887-134	63.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2887-134	55.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2887-134	62.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2887-134	37.4	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2887-134	73.3	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2887-134	54.1	ND	ug/Kg	U
206-44-0	Fluoranthene	C2887-134	61.8	**1260**	ug/Kg	
86-73-7	Fluorene	C2887-134	45.1	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2887-134	48.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2887-134	44.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2887-134	346	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2887-134	49.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2887-134	51.8	**485**	ug/Kg	J
78-59-1	Isophorone	C2887-134	51.2	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2887-134	33.9	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2887-134	71.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2887-134	61.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2887-134	45.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2887-134	43.4	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 08:15
% Solid: 89.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2887-134	425	ND	ug/Kg	U
85-01-8	Phenanthrene	C2887-134	51.0	**529**	ug/Kg	J
108-95-2	Phenol	C2887-134	29.3	ND	ug/Kg	U
129-00-0	Pyrene	C2887-134	41.5	**1920**	ug/Kg	
110-86-1	Pyridine	C2887-134	64.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2887-134	46.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2887-134	53.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2887-134	41.1	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2887-134	73.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2887-134	63.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2887-134	69.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2887-134	55.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2887-134	58.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2887-134	60.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2887-134	90.4 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-110	47.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-110	35.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-110	34.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-110	38.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-110	37.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-110	45.3	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-110	24.8	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-110	43.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-110	37.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-110	47.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-110	403	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-110	68.6	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-110	47.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-110	55.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-110	55.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-110	45.4	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-110	41.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-110	59.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-110	34.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-110	35.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-110	55.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-110	19.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-110	500	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-110	51.9	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-110	42.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-110	43.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-110	44.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-110	112	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-110	763	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-110	48.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-110	39.4	ND	ug/Kg	U
62-53-3	Aniline	C2886-110	35.6	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-110	50.9	ND	ug/Kg	U
92-87-5	Benzidine	C2886-110	1000	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-110	48.4	**98.4**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2886-110	59.6	**88.1**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2886-110	47.5	**62.9**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2886-110	87.4	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-110	87.1	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-110	6700	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-110	67.5	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-110	60.4	ND	ug/Kg	U
86-74-8	Carbazole	C2886-110	65.9	ND	ug/Kg	U
218-01-9	Chrysene	C2886-110	60.5	**111**	ug/Kg	J
	Cresols	C2886-110	76.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-110	64.4	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-110	56.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-110	63.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-110	38.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-110	74.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-110	55.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-110	63.0	**190**	ug/Kg	J
86-73-7	Fluorene	C2886-110	46.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-110	49.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-110	45.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-110	354	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-110	50.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-110	52.9	**263**	ug/Kg	J
78-59-1	Isophorone	C2886-110	52.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-110	34.6	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-110	72.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-110	62.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-110	46.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-110	44.3	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 08:30
% Solid: 87.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-110	434	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-110	52.1	**109**	ug/Kg	J
108-95-2	Phenol	C2886-110	29.9	ND	ug/Kg	U
129-00-0	Pyrene	C2886-110	42.3	**211**	ug/Kg	J
110-86-1	Pyridine	C2886-110	65.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-110	47.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-110	54.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-110	42.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-110	74.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-110	39.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-110	73.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-110	36.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-110	58.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-110	56.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-110	91.2 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2887-135	46.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2887-135	34.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2887-135	33.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2887-135	37.8	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2887-135	36.6	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2887-135	44.5	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2887-135	24.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2887-135	42.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2887-135	36.9	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2887-135	47.0	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2887-135	396	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2887-135	67.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2887-135	46.3	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2887-135	54.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2887-135	54.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2887-135	44.6	**203**	ug/Kg	J
95-48-7	2-Methylphenol	C2887-135	40.2	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2887-135	58.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2887-135	34.2	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2887-135	34.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2887-135	54.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2887-135	19.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2887-135	491	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2887-135	51.0	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2887-135	41.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2887-135	42.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2887-135	43.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2887-135	110	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2887-135	749	ND	ug/Kg	U
83-32-9	Acenaphthene	C2887-135	47.3	**531**	ug/Kg	J
208-96-8	Acenaphthylene	C2887-135	38.7	**421**	ug/Kg	J
62-53-3	Aniline	C2887-135	34.9	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2887-135	50.0	**1770**	ug/Kg	
92-87-5	Benzidine	C2887-135	987	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2887-135	47.5	**5720**	ug/Kg	
50-32-8	Benzo(a)pyrene	C2887-135	58.5	**5870**	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C2887-135	46.6	**5170**	ug/Kg	
191-24-2	Benzo(g,h,i)perylene	C2887-135	85.8	**2420**	ug/Kg	
207-08-9	Benzo(k)fluoranthene	C2887-135	85.5	**5160**	ug/Kg	
65-85-0	Benzoic acid	C2887-135	6580	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2887-135	66.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2887-135	59.3	ND	ug/Kg	U
86-74-8	Carbazole	C2887-135	64.7	**884**	ug/Kg	
218-01-9	Chrysene	C2887-135	59.4	**5790**	ug/Kg	
	Cresols	C2887-135	74.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2887-135	63.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2887-135	55.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2887-135	62.7	**687**	ug/Kg	
132-64-9	Dibenzofuran	C2887-135	37.5	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2887-135	73.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2887-135	54.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2887-135	61.9	**8080**	ug/Kg	
86-73-7	Fluorene	C2887-135	45.2	**587**	ug/Kg	
118-74-1	Hexachlorobenzene	C2887-135	48.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2887-135	44.9	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2887-135	347	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2887-135	50.0	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2887-135	51.9	**2310**	ug/Kg	
78-59-1	Isophorone	C2887-135	51.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2887-135	33.9	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2887-135	71.3	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2887-135	61.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2887-135	45.2	**392**	ug/Kg	J
98-95-3	Nitrobenzene	C2887-135	43.5	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2887-135	426	ND	ug/Kg	U
85-01-8	Phenanthrene	C2887-135	51.1	**6360**	ug/Kg	
108-95-2	Phenol	C2887-135	29.3	ND	ug/Kg	U
129-00-0	Pyrene	C2887-135	41.6	**289**	ug/Kg	J
110-86-1	Pyridine	C2887-135	64.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2887-135	46.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2887-135	53.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2887-135	41.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2887-135	73.6	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2887-135	90.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2887-135	85.7 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2887-135	64.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2887-135	65.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2887-135	69.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2887-135	104.0 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-113	47.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-113	35.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-113	34.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-113	38.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-113	37.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-113	45.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-113	24.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-113	43.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-113	37.6	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-113	47.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-113	403	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-113	68.7	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-113	47.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-113	55.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-113	55.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-113	45.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-113	41.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-113	59.7	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-113	34.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-113	35.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-113	55.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-113	19.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-113	501	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-113	52.0	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-113	42.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-113	43.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-113	44.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-113	112	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-113	764	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-113	48.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-113	39.4	ND	ug/Kg	U
62-53-3	Aniline	C2886-113	35.6	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-113	51.0	ND	ug/Kg	U
92-87-5	Benzidine	C2886-113	1010	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-113	48.5	**77.9**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2886-113	59.7	**91.6**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2886-113	47.5	**63.0**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2886-113	87.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-113	87.2	**91.6**	ug/Kg	J
65-85-0	Benzoic acid	C2886-113	6710	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-113	67.6	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-113	60.5	ND	ug/Kg	U
86-74-8	Carbazole	C2886-113	66.0	ND	ug/Kg	U
218-01-9	Chrysene	C2886-113	60.6	ND	ug/Kg	U
	Cresols	C2886-113	76.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-113	64.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-113	56.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-113	63.9	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-113	38.3	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-113	74.9	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-113	55.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-113	63.1	**163**	ug/Kg	J
86-73-7	Fluorene	C2886-113	46.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-113	49.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-113	45.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-113	354	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-113	51.0	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-113	52.9	ND	ug/Kg	U
78-59-1	Isophorone	C2886-113	52.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-113	34.6	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-113	72.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-113	62.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-113	46.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-113	44.3	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-113	434	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-113	52.1	**69.9**	ug/Kg	J
108-95-2	Phenol	C2886-113	29.9	ND	ug/Kg	U
129-00-0	Pyrene	C2886-113	42.4	**191**	ug/Kg	J
110-86-1	Pyridine	C2886-113	65.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-113	47.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-113	54.2	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-113	42.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-113	75.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-113	92.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-113	80.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-113	55.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-113	59.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-113	61.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-113	94.9 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-109	45.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-109	33.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-109	32.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-109	36.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-109	35.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-109	42.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-109	23.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-109	40.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-109	35.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-109	45.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-109	381	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-109	64.9	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-109	44.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-109	52.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-109	52.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-109	43.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-109	38.7	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-109	56.4	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-109	32.9	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-109	33.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-109	52.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-109	18.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-109	473	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-109	49.1	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-109	40.4	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-109	41.2	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-109	42.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-109	106	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-109	722	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-109	45.6	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-109	37.2	ND	ug/Kg	U
62-53-3	Aniline	C2886-109	33.7	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-109	48.2	ND	ug/Kg	U
92-87-5	Benzidine	C2886-109	950	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-109	45.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-109	56.4	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-109	44.9	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-109	82.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-109	82.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-109	6340	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-109	63.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-109	57.1	ND	ug/Kg	U
86-74-8	Carbazole	C2886-109	62.3	ND	ug/Kg	U
218-01-9	Chrysene	C2886-109	57.3	ND	ug/Kg	U
	Cresols	C2886-109	72.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-109	60.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-109	53.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-109	60.4	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-109	36.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-109	70.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-109	52.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-109	59.6	ND	ug/Kg	U
86-73-7	Fluorene	C2886-109	43.5	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-109	46.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-109	43.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-109	334	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-109	48.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-109	50.0	ND	ug/Kg	U
78-59-1	Isophorone	C2886-109	49.5	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-109	32.7	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-109	68.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-109	59.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-109	43.5	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-109	41.9	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 09:05
% Solid: 92.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-109	410	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-109	49.2	ND	ug/Kg	U
108-95-2	Phenol	C2886-109	28.2	ND	ug/Kg	U
129-00-0	Pyrene	C2886-109	40.0	ND	ug/Kg	U
110-86-1	Pyridine	C2886-109	62.0	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-109	44.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-109	51.2	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-109	39.7	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-109	70.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-109	88.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-109	87.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-109	68.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-109	69.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-109	71.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-109	108.0 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-108	45.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-108	34.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-108	33.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-108	37.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-108	35.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-108	43.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-108	23.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-108	41.5	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-108	36.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-108	46.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-108	388	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-108	66.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-108	45.4	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-108	53.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-108	53.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-108	43.8	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-108	39.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-108	57.4	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-108	33.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-108	34.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-108	53.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-108	19.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-108	482	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-108	50.1	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-108	41.1	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-108	42.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-108	42.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-108	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-108	735	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-108	46.4	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-108	37.9	ND	ug/Kg	U
62-53-3	Aniline	C2886-108	34.3	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-108	49.1	ND	ug/Kg	U
92-87-5	Benzidine	C2886-108	968	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-108	46.6	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-108	57.4	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-108	45.8	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-108	84.2	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-108	83.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-108	6460	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-108	65.0	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-108	58.2	ND	ug/Kg	U
86-74-8	Carbazole	C2886-108	63.5	ND	ug/Kg	U
218-01-9	Chrysene	C2886-108	58.3	ND	ug/Kg	U
	Cresols	C2886-108	73.6	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-108	62.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-108	54.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-108	61.5	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-108	36.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-108	72.1	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-108	53.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-108	60.7	ND	ug/Kg	U
86-73-7	Fluorene	C2886-108	44.3	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-108	47.2	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-108	44.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-108	341	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-108	49.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-108	50.9	ND	ug/Kg	U
78-59-1	Isophorone	C2886-108	50.4	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-108	33.3	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-108	70.0	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-108	60.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-108	44.3	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-108	42.7	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-108	418	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-108	50.2	ND	ug/Kg	U
108-95-2	Phenol	C2886-108	28.8	ND	ug/Kg	U
129-00-0	Pyrene	C2886-108	40.8	ND	ug/Kg	U
110-86-1	Pyridine	C2886-108	63.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-108	45.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-108	52.1	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-108	40.5	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-108	72.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-108	65.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-108	66.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-108	55.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-108	57.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-108	58.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-108	95.0 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-107	46.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-107	34.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-107	33.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-107	37.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-107	36.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-107	43.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-107	24.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-107	41.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-107	36.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-107	46.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-107	390	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-107	66.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-107	45.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-107	53.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-107	53.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-107	44.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-107	39.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-107	57.7	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-107	33.7	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-107	34.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-107	53.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-107	19.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-107	484	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-107	50.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-107	41.3	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-107	42.2	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-107	43.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-107	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-107	739	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-107	46.6	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-107	38.1	ND	ug/Kg	U
62-53-3	Aniline	C2886-107	34.4	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-107	49.3	ND	ug/Kg	U
92-87-5	Benzidine	C2886-107	972	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-107	46.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-107	57.7	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-107	46.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-107	84.6	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-107	84.3	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-107	6490	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-107	65.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-107	58.5	ND	ug/Kg	U
86-74-8	Carbazole	C2886-107	63.8	ND	ug/Kg	U
218-01-9	Chrysene	C2886-107	58.6	ND	ug/Kg	U
	Cresols	C2886-107	73.8	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-107	62.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-107	54.5	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-107	61.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-107	37.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-107	72.4	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-107	53.5	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-107	61.0	ND	ug/Kg	U
86-73-7	Fluorene	C2886-107	44.5	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-107	47.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-107	44.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-107	342	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-107	49.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-107	51.2	ND	ug/Kg	U
78-59-1	Isophorone	C2886-107	50.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-107	33.4	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-107	70.3	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-107	60.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-107	44.5	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-107	42.9	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-107	420	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-107	50.4	ND	ug/Kg	U
108-95-2	Phenol	C2886-107	28.9	ND	ug/Kg	U
129-00-0	Pyrene	C2886-107	41.0	ND	ug/Kg	U
110-86-1	Pyridine	C2886-107	63.5	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-107	45.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-107	52.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-107	40.6	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-107	72.5	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-107	72.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-107	81.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-107	61.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-107	66.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-107	64.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-107	93.6 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-106	45.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-106	33.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-106	33.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-106	36.8	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-106	35.7	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-106	43.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-106	23.8	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-106	41.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-106	36.0	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-106	45.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-106	386	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-106	65.8	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-106	45.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-106	52.9	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-106	52.9	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-106	43.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-106	39.3	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-106	57.1	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-106	33.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-106	33.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-106	52.9	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-106	18.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-106	479	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-106	49.8	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-106	40.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-106	41.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-106	42.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-106	107	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-106	731	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-106	46.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-106	37.7	ND	ug/Kg	U
62-53-3	Aniline	C2886-106	34.1	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Collected: 7/26/2012 09:45
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-106	48.8	ND	ug/Kg	U
92-87-5	Benzidine	C2886-106	963	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-106	46.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-106	57.1	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-106	45.5	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-106	83.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-106	83.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-106	6430	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-106	64.7	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-106	57.9	ND	ug/Kg	U
86-74-8	Carbazole	C2886-106	63.2	ND	ug/Kg	U
218-01-9	Chrysene	C2886-106	58.0	ND	ug/Kg	U
	Cresols	C2886-106	73.2	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-106	61.7	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-106	53.9	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-106	61.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-106	36.6	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-106	71.7	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-106	53.0	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-106	60.4	ND	ug/Kg	U
86-73-7	Fluorene	C2886-106	44.1	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-106	46.9	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-106	43.9	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-106	339	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-106	48.8	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-106	50.7	ND	ug/Kg	U
78-59-1	Isophorone	C2886-106	50.1	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-106	33.1	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-106	69.6	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-106	59.8	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-106	44.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-106	42.4	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-106	416	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-106	49.9	ND	ug/Kg	U
108-95-2	Phenol	C2886-106	28.6	ND	ug/Kg	U
129-00-0	Pyrene	C2886-106	40.6	ND	ug/Kg	U
110-86-1	Pyridine	C2886-106	62.8	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-106	45.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-106	51.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-106	40.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-106	71.8	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-106	69.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-106	66.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-106	54.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-106	57.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-106	58.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-106	95.4 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-105	45.3	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-105	33.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-105	32.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-105	36.6	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-105	35.5	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-105	43.1	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-105	23.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-105	41.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-105	35.7	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-105	45.5	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-105	383	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-105	65.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-105	44.9	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-105	52.5	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-105	52.5	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-105	43.2	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-105	39.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-105	56.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-105	33.1	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-105	33.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-105	52.5	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-105	18.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-105	476	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-105	49.5	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-105	40.6	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-105	41.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-105	42.4	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-105	107	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-105	727	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-105	45.9	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-105	37.5	ND	ug/Kg	U
62-53-3	Aniline	C2886-105	33.9	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-105	48.5	ND	ug/Kg	U
92-87-5	Benzidine	C2886-105	956	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-105	46.1	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-105	56.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-105	45.2	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-105	83.2	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-105	82.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-105	6380	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-105	64.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-105	57.5	ND	ug/Kg	U
86-74-8	Carbazole	C2886-105	62.7	ND	ug/Kg	U
218-01-9	Chrysene	C2886-105	57.6	ND	ug/Kg	U
	Cresols	C2886-105	72.7	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-105	61.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-105	53.6	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-105	60.8	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-105	36.4	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-105	71.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-105	52.6	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-105	60.0	ND	ug/Kg	U
86-73-7	Fluorene	C2886-105	43.8	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-105	46.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-105	43.6	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-105	337	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-105	48.5	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-105	50.3	ND	ug/Kg	U
78-59-1	Isophorone	C2886-105	49.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-105	32.9	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-105	69.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-105	59.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-105	43.8	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-105	42.2	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-105	413	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-105	49.6	ND	ug/Kg	U
108-95-2	Phenol	C2886-105	28.4	ND	ug/Kg	U
129-00-0	Pyrene	C2886-105	40.3	ND	ug/Kg	U
110-86-1	Pyridine	C2886-105	62.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-105	45.1	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-105	51.5	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-105	40.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-105	71.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-105	73.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-105	74.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-105	58.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-105	61.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-105	62.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-105	95.3 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-104	44.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-104	33.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-104	32.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-104	36.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-104	34.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-104	42.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-104	23.2	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-104	40.3	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-104	35.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-104	44.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-104	377	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-104	64.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-104	44.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-104	51.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-104	51.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-104	42.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-104	38.3	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-104	55.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-104	32.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-104	33.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-104	51.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-104	18.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-104	468	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-104	48.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-104	39.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-104	40.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-104	41.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-104	105	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-104	714	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-104	45.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-104	36.8	ND	ug/Kg	U
62-53-3	Aniline	C2886-104	33.3	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-104	47.6	ND	ug/Kg	U
92-87-5	Benzidine	C2886-104	940	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-104	45.3	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-104	55.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-104	44.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-104	81.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-104	81.5	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-104	6270	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-104	63.2	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-104	56.5	ND	ug/Kg	U
86-74-8	Carbazole	C2886-104	61.7	ND	ug/Kg	U
218-01-9	Chrysene	C2886-104	56.6	ND	ug/Kg	U
	Cresols	C2886-104	71.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-104	60.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-104	52.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-104	59.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-104	35.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-104	70.0	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-104	51.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-104	59.0	ND	ug/Kg	U
86-73-7	Fluorene	C2886-104	43.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-104	45.8	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-104	42.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-104	331	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-104	47.6	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-104	49.5	ND	ug/Kg	U
78-59-1	Isophorone	C2886-104	48.9	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-104	32.3	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-104	68.0	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-104	58.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-104	43.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-104	41.4	ND	ug/Kg	U

Environmental Quality Services, Inc.
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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Collected: 7/26/2012 10:45
% Solid: 93.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-104	406	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-104	48.7	ND	ug/Kg	U
108-95-2	Phenol	C2886-104	27.9	ND	ug/Kg	U
129-00-0	Pyrene	C2886-104	39.6	ND	ug/Kg	U
110-86-1	Pyridine	C2886-104	61.3	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-104	44.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-104	50.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-104	39.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-104	70.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-104	58.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-104	61.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-104	49.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-104	53.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-104	56.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-104	88.5 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-103	45.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-103	34.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-103	33.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-103	37.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-103	36.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-103	43.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-103	24.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-103	41.5	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-103	36.2	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-103	46.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-103	389	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-103	66.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-103	45.5	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-103	53.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-103	53.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-103	43.8	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-103	39.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-103	57.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-103	33.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-103	34.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-103	53.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-103	19.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-103	482	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-103	50.1	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-103	41.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-103	42.1	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-103	42.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-103	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-103	736	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-103	46.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-103	38.0	ND	ug/Kg	U
62-53-3	Aniline	C2886-103	34.3	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-103	49.1	ND	ug/Kg	U
92-87-5	Benzidine	C2886-103	969	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-103	46.7	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2886-103	57.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2886-103	45.8	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2886-103	84.3	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-103	84.0	ND	ug/Kg	U
65-85-0	Benzoic acid	C2886-103	6470	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-103	65.1	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-103	58.3	ND	ug/Kg	U
86-74-8	Carbazole	C2886-103	63.6	ND	ug/Kg	U
218-01-9	Chrysene	C2886-103	58.4	ND	ug/Kg	U
	Cresols	C2886-103	73.6	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-103	62.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-103	54.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-103	61.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-103	36.9	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-103	72.2	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-103	53.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-103	60.8	ND	ug/Kg	U
86-73-7	Fluorene	C2886-103	44.4	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-103	47.2	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-103	44.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-103	341	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-103	49.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-103	51.0	ND	ug/Kg	U
78-59-1	Isophorone	C2886-103	50.4	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-103	33.3	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-103	70.1	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-103	60.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-103	44.4	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-103	42.7	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-103	418	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-103	50.2	ND	ug/Kg	U
108-95-2	Phenol	C2886-103	28.8	ND	ug/Kg	U
129-00-0	Pyrene	C2886-103	40.8	ND	ug/Kg	U
110-86-1	Pyridine	C2886-103	63.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-103	45.7	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-103	52.2	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-103	40.5	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-103	72.3	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-103	86.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2886-103	81.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-103	61.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-103	64.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-103	64.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-103	86.5 %	(18 - 137)	

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2886-102	48.8	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2886-102	36.3	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2886-102	35.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2886-102	39.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2886-102	38.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2886-102	46.5	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2886-102	25.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2886-102	44.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2886-102	38.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2886-102	49.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2886-102	413	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2886-102	70.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2886-102	48.4	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2886-102	56.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2886-102	56.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2886-102	46.6	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2886-102	42.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2886-102	61.2	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2886-102	35.7	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2886-102	36.3	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2886-102	56.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2886-102	20.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2886-102	513	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2886-102	53.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2886-102	43.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2886-102	44.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2886-102	45.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2886-102	115	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2886-102	783	ND	ug/Kg	U
83-32-9	Acenaphthene	C2886-102	49.4	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2886-102	40.4	ND	ug/Kg	U
62-53-3	Aniline	C2886-102	36.5	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2886-102	52.2	ND	ug/Kg	U
92-87-5	Benzidine	C2886-102	1030	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2886-102	49.6	**101**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2886-102	61.2	**95.1**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2886-102	48.7	**92.7**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2886-102	89.7	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2886-102	89.3	**106**	ug/Kg	J
65-85-0	Benzoic acid	C2886-102	6880	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2886-102	69.2	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2886-102	62.0	ND	ug/Kg	U
86-74-8	Carbazole	C2886-102	67.6	ND	ug/Kg	U
218-01-9	Chrysene	C2886-102	62.1	**147**	ug/Kg	J
	Cresols	C2886-102	78.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2886-102	66.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2886-102	57.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2886-102	65.5	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2886-102	39.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2886-102	76.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2886-102	56.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2886-102	64.7	**305**	ug/Kg	J
86-73-7	Fluorene	C2886-102	47.2	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2886-102	50.2	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2886-102	46.9	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2886-102	363	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2886-102	52.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2886-102	54.2	ND	ug/Kg	U
78-59-1	Isophorone	C2886-102	53.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2886-102	35.4	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2886-102	74.5	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2886-102	64.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2886-102	47.2	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2886-102	45.4	ND	ug/Kg	U

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8/8/2012

Semivolatile Compounds - EPA 8270C

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/27/2012

Collected: 7/26/2012 11:30
% Solid: 85.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2886-102	445	ND	ug/Kg	U
85-01-8	Phenanthrene	C2886-102	53.4	**110**	ug/Kg	J
108-95-2	Phenol	C2886-102	30.6	ND	ug/Kg	U
129-00-0	Pyrene	C2886-102	43.4	**238**	ug/Kg	J
110-86-1	Pyridine	C2886-102	67.3	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2886-102	48.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2886-102	55.5	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2886-102	43.1	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2886-102	76.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2886-102	5.4 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2886-102	81.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2886-102	28.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2886-102	61.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2886-102	59.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2886-102	92.6 %	(18 - 137)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2')
Collected: 7/26/2012 08:15
Matrix: Soil
Type: Grab
% Solid: 89.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-19	17.8	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-19	17.8	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-19	17.8	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-19	17.8	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-19	17.8	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-19	17.8	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-19	12.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-19	34.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-19	111.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Collected: 7/26/2012 08:30
% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-20	18.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-20	18.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-20	18.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-20	18.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-20	18.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-20	18.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-20	12.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-20	35.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-20	107.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-21	17.9	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-21	17.9	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-21	17.9	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-21	17.9	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-21	17.9	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-21	17.9	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-21	12.5	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-21	33.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-21	111.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2')
Matrix: Soil
Type: Grab
Collected: 7/26/2012 08:55
% Solid: 87.3%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-22	18.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-22	18.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-22	18.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-22	18.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-22	18.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-22	18.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-22	12.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-22	37.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-22	124.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Collected: 7/26/2012 09:05
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-23	17.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-23	17.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-23	17.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-23	17.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-23	17.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-23	17.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-23	12.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-23	36.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-23	93.8 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-26	17.5	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-26	17.5	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-26	17.5	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-26	17.5	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-26	17.5	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-26	17.5	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-26	12.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-26	42.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-26	118.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2')
Collected: 7/26/2012 09:30
Matrix: Soil
Type: Grab
% Solid: 90.3%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-27	17.6	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-27	17.6	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-27	17.6	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-27	17.6	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-27	17.6	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-27	17.6	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-27	12.3	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-27	39.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-27	103.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12')
Collected: 7/26/2012 09:45
Matrix: Soil
Type: Grab
% Solid: 91.2%
Remarks:
Analyzed Date: 8/2/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-28	17.4	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-28	17.4	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-28	17.4	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-28	17.4	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-28	17.4	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-28	17.4	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-28	12.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-28	40.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-28	107.0 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 8/2/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-29	17.3	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-29	17.3	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-29	17.3	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-29	17.3	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-29	17.3	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-29	17.3	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-29	12.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-29	36.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-29	86.2 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 8/2/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-30	17.0	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-30	17.0	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-30	17.0	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-30	17.0	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-30	17.0	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-30	17.0	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-30	11.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-30	33.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-30	88.2 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 8/2/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1422-8	17.5	ND	ug/Kg	U
11104-28-2	PCB 1221	K1422-8	17.5	ND	ug/Kg	U
11141-16-5	PCB 1232	K1422-8	17.5	ND	ug/Kg	U
53469-21-9	PCB 1242	K1422-8	17.5	ND	ug/Kg	U
12672-29-6	PCB 1248	K1422-8	17.5	ND	ug/Kg	U
11097-69-1	PCB 1254	K1422-8	17.5	ND	ug/Kg	U
11096-82-5	PCB 1260	K1422-8	12.3	**435**	ug/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1422-8	30.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1422-8	63.8 %	(30 - 150)	

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8/8/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 8/2/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1421-32	18.7	ND	ug/Kg	U
11104-28-2	PCB 1221	K1421-32	18.7	ND	ug/Kg	U
11141-16-5	PCB 1232	K1421-32	18.7	ND	ug/Kg	U
53469-21-9	PCB 1242	K1421-32	18.7	ND	ug/Kg	U
12672-29-6	PCB 1248	K1421-32	18.7	ND	ug/Kg	U
11097-69-1	PCB 1254	K1421-32	18.7	ND	ug/Kg	U
11096-82-5	PCB 1260	K1421-32	13.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1421-32	34.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1421-32	98.9 %	(30 - 150)	

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8/8/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-6	0.74	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-6	0.93	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-6	0.61	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-6	1.27	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-6	1.04	ND	ug/Kg	U
309-00-2	Aldrin	L1369-6	1.18	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-6	1.11	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-6	1.19	**15.8**	ug/Kg	
5103-71-9	alpha-Chlordane	L1369-6	1.00	**22.2**	ug/Kg	
72-55-9	4,4'-DDE	L1369-6	1.20	**161**	ug/Kg	
959-98-8	Endosulfan I	L1369-6	1.14	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-6	1.28	ND	ug/Kg	U
72-20-8	Endrin	L1369-6	1.15	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-6	0.50	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-6	0.91	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-6	0.61	**272**	ug/Kg	
1031-07-8	Endosulfan sulfate	L1369-6	0.81	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-6	0.84	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-6	0.99	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-6	1.07	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-6	40.9	ND	ug/Kg	U
57-74-9	Chlordane	L1369-6	7.80	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-6	80.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-6	58.4 %	(30 - 150)	

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8/8/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-7	0.76	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-7	0.95	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-7	0.62	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-7	1.29	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-7	1.06	ND	ug/Kg	U
309-00-2	Aldrin	L1369-7	1.20	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-7	1.13	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-7	1.21	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-7	1.02	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-7	1.22	**9.17**	ug/Kg	
959-98-8	Endosulfan I	L1369-7	1.17	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-7	1.30	ND	ug/Kg	U
72-20-8	Endrin	L1369-7	1.18	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-7	0.51	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-7	0.93	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-7	0.62	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-7	0.82	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-7	0.86	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-7	1.01	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-7	1.09	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-7	41.8	ND	ug/Kg	U
57-74-9	Chlordane	L1369-7	7.96	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-7	70.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-7	56.1 %	(30 - 150)	

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8/8/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-8	0.74	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-8	0.93	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-8	0.61	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-8	1.27	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-8	1.04	ND	ug/Kg	U
309-00-2	Aldrin	L1369-8	1.18	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-8	1.11	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-8	1.19	**10.0**	ug/Kg	
5103-71-9	alpha-Chlordane	L1369-8	1.00	**9.07**	ug/Kg	
72-55-9	4,4'-DDE	L1369-8	1.20	**12.8**	ug/Kg	
959-98-8	Endosulfan I	L1369-8	1.15	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-8	1.28	ND	ug/Kg	U
72-20-8	Endrin	L1369-8	1.16	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-8	0.51	**10.4**	ug/Kg	
33213-65-9	Endosulfan II	L1369-8	0.91	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-8	0.61	**14.5**	ug/Kg	
1031-07-8	Endosulfan sulfate	L1369-8	0.81	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-8	0.84	**22.1**	ug/Kg	
72-43-5	Methoxychlor	L1369-8	0.99	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-8	1.07	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-8	41.0	ND	ug/Kg	U
57-74-9	Chlordane	L1369-8	7.82	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-8	67.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-8	49.3 %	(30 - 150)	

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8/8/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-9	0.76	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-9	0.95	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-9	0.62	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-9	1.29	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-9	1.07	ND	ug/Kg	U
309-00-2	Aldrin	L1369-9	1.20	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-9	1.13	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-9	1.21	**6.58**	ug/Kg	
5103-71-9	alpha-Chlordane	L1369-9	1.02	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-9	1.23	**8.03**	ug/Kg	
959-98-8	Endosulfan I	L1369-9	1.17	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-9	1.31	ND	ug/Kg	U
72-20-8	Endrin	L1369-9	1.18	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-9	0.52	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-9	0.93	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-9	0.62	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-9	0.82	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-9	0.86	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-9	1.01	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-9	1.09	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-9	41.8	ND	ug/Kg	U
57-74-9	Chlordane	L1369-9	7.97	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-9	70.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-9	44.5 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-10	0.71	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-10	0.90	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-10	0.58	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-10	1.22	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-10	1.01	ND	ug/Kg	U
309-00-2	Aldrin	L1369-10	1.14	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-10	1.07	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-10	1.15	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-10	0.96	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-10	1.16	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-10	1.10	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-10	1.23	ND	ug/Kg	U
72-20-8	Endrin	L1369-10	1.11	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-10	0.49	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-10	0.88	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-10	0.58	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-10	0.78	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-10	0.81	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-10	0.95	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-10	1.03	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-10	39.5	ND	ug/Kg	U
57-74-9	Chlordane	L1369-10	7.53	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-10	76.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-10	34.7 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-11	0.73	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-11	0.92	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-11	0.60	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-11	1.25	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-11	1.03	ND	ug/Kg	U
309-00-2	Aldrin	L1369-11	1.16	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-11	1.09	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-11	1.17	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-11	0.98	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-11	1.18	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-11	1.12	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-11	1.26	ND	ug/Kg	U
72-20-8	Endrin	L1369-11	1.14	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-11	0.50	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-11	0.89	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-11	0.60	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-11	0.79	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-11	0.83	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-11	0.97	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-11	1.05	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-11	40.2	ND	ug/Kg	U
57-74-9	Chlordane	L1369-11	7.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-11	71.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-11	38.0 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-12	0.73	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-12	0.92	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-12	0.60	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-12	1.25	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-12	1.03	ND	ug/Kg	U
309-00-2	Aldrin	L1369-12	1.16	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-12	1.10	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-12	1.17	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-12	0.99	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-12	1.18	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-12	1.13	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-12	1.26	ND	ug/Kg	U
72-20-8	Endrin	L1369-12	1.14	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-12	0.50	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-12	0.90	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-12	0.60	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-12	0.80	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-12	0.83	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-12	0.97	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-12	1.05	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-12	40.4	ND	ug/Kg	U
57-74-9	Chlordane	L1369-12	7.71	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-12	81.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-12	54.4 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-13	0.72	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-13	0.91	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-13	0.59	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-13	1.24	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-13	1.02	ND	ug/Kg	U
309-00-2	Aldrin	L1369-13	1.15	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-13	1.09	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-13	1.16	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-13	0.98	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-13	1.17	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-13	1.12	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-13	1.25	ND	ug/Kg	U
72-20-8	Endrin	L1369-13	1.13	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-13	0.49	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-13	0.89	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-13	0.59	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-13	0.79	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-13	0.82	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-13	0.96	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-13	1.04	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-13	40.0	ND	ug/Kg	U
57-74-9	Chlordane	L1369-13	7.63	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-13	72.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-13	33.7 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-16	0.72	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-16	0.90	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-16	0.59	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-16	1.23	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-16	1.01	ND	ug/Kg	U
309-00-2	Aldrin	L1369-16	1.14	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-16	1.08	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-16	1.15	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-16	0.97	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-16	1.17	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-16	1.11	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-16	1.24	ND	ug/Kg	U
72-20-8	Endrin	L1369-16	1.12	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-16	0.49	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-16	0.88	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-16	0.59	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-16	0.78	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-16	0.82	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-16	0.96	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-16	1.03	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-16	39.8	ND	ug/Kg	U
57-74-9	Chlordane	L1369-16	7.58	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-16	95.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-16	49.5 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-17	0.71	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-17	0.89	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-17	0.58	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-17	1.21	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-17	1.00	ND	ug/Kg	U
309-00-2	Aldrin	L1369-17	1.12	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-17	1.06	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-17	1.13	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-17	0.95	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-17	1.15	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-17	1.09	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-17	1.22	ND	ug/Kg	U
72-20-8	Endrin	L1369-17	1.10	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-17	0.48	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-17	0.87	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-17	0.58	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-17	0.77	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-17	0.80	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-17	0.94	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-17	1.02	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-17	39.1	ND	ug/Kg	U
57-74-9	Chlordane	L1369-17	7.45	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-17	72.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-17	33.8 %	(30 - 150)	

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8/8/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-18	0.73	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-18	0.92	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-18	0.60	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-18	1.25	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-18	1.03	ND	ug/Kg	U
309-00-2	Aldrin	L1369-18	1.16	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-18	1.09	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-18	1.17	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-18	0.98	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-18	1.18	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-18	1.13	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-18	1.26	ND	ug/Kg	U
72-20-8	Endrin	L1369-18	1.14	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-18	0.50	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-18	0.89	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-18	0.60	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-18	0.79	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-18	0.83	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-18	0.97	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-18	1.05	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-18	40.3	ND	ug/Kg	U
57-74-9	Chlordane	L1369-18	7.68	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-18	57.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-18	41.4 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 8/1/2012
Preparation Date(s) : 8/1/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1369-19	0.77	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1369-19	0.97	ND	ug/Kg	U
319-85-7	beta-BHC	L1369-19	0.63	ND	ug/Kg	U
319-86-8	delta-BHC	L1369-19	1.33	ND	ug/Kg	U
76-44-8	Heptachlor	L1369-19	1.09	ND	ug/Kg	U
309-00-2	Aldrin	L1369-19	1.23	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1369-19	1.16	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1369-19	1.24	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1369-19	1.04	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1369-19	1.26	ND	ug/Kg	U
959-98-8	Endosulfan I	L1369-19	1.20	ND	ug/Kg	U
60-57-1	Dieldrin	L1369-19	1.34	ND	ug/Kg	U
72-20-8	Endrin	L1369-19	1.21	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1369-19	0.53	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1369-19	0.95	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1369-19	0.63	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1369-19	0.85	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1369-19	0.88	ND	ug/Kg	U
72-43-5	Methoxychlor	L1369-19	1.03	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1369-19	1.12	ND	ug/Kg	U
8001-35-2	Toxaphene	L1369-19	42.8	ND	ug/Kg	U
57-74-9	Chlordane	L1369-19	8.17	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1369-19	71.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1369-19	30.9 %	(30 - 150)	

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8/8/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1207346-1

Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0069	**0.46**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-2

Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.035	**0.71**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-3

Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.034	**0.46**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	**0.26**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0063	**0.073**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0066	**0.013**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	**0.023**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	**0.065**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1207346-10

Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0065	**0.0099**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-11

Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	**0.0075**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1207346-12

Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 7/31/2012
Preparation Date(s) : 7/30/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.0067	ND	mg/Kg	U

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-1
Client Sample ID: SSB-1 (0-2') Collected: 7/26/2012 08:15
Matrix: Soil Type: Grab % Solid: 89.2%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.32	**3950**	mg/Kg	
7440-36-0	Antimony	0.47	ND	mg/Kg	U
7440-38-2	Arsenic	0.20	**8.71**	mg/Kg	
7440-39-3	Barium	0.052	**147**	mg/Kg	
7440-41-7	Beryllium	0.052	**0.46**	mg/Kg	
7440-43-9	Cadmium	0.021	ND	mg/Kg	U
7440-70-2	Calcium	0.73	**46900**	mg/Kg	E
7440-47-3	Chromium	0.062	**10.2**	mg/Kg	
7440-48-4	Cobalt	0.039	**3.00**	mg/Kg	
7440-50-8	Copper	0.17	**22.8**	mg/Kg	
7439-89-6	Iron	1.52	**8960**	mg/Kg	
7439-92-1	Lead	0.12	**254**	mg/Kg	
7439-95-4	Magnesium	2.68	**14600**	mg/Kg	
7439-96-5	Manganese	0.061	**159**	mg/Kg	
7440-02-0	Nickel	0.074	**8.98**	mg/Kg	
7440-09-7	Potassium	3.37	**607**	mg/Kg	
7782-49-2	Selenium	0.34	ND	mg/Kg	U
7440-22-4	Silver	0.034	ND	mg/Kg	U
7440-23-5	Sodium	1.65	**249**	mg/Kg	
7440-28-0	Thallium	0.26	**10.1**	mg/Kg	
7440-62-2	Vanadium	0.035	**22.5**	mg/Kg	
7440-66-6	Zinc	0.33	**85.4**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-2
Client Sample ID: SSB-2 (0-2') Collected: 7/26/2012 08:30
Matrix: Soil Type: Grab % Solid: 87.4%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.60	**5110**	mg/Kg	
7440-36-0	Antimony	0.57	ND	mg/Kg	U
7440-38-2	Arsenic	0.24	**6.64**	mg/Kg	
7440-39-3	Barium	0.063	**184**	mg/Kg	
7440-41-7	Beryllium	0.063	**0.62**	mg/Kg	
7440-43-9	Cadmium	0.025	ND	mg/Kg	U
7440-70-2	Calcium	0.88	**24100**	mg/Kg	
7440-47-3	Chromium	0.075	**13.8**	mg/Kg	
7440-48-4	Cobalt	0.047	**4.33**	mg/Kg	
7440-50-8	Copper	0.21	**32.7**	mg/Kg	
7439-89-6	Iron	1.84	**12700**	mg/Kg	
7439-92-1	Lead	0.15	**485**	mg/Kg	
7439-95-4	Magnesium	3.25	**1610**	mg/Kg	
7439-96-5	Manganese	0.074	**221**	mg/Kg	
7440-02-0	Nickel	0.090	**9.26**	mg/Kg	
7440-09-7	Potassium	4.09	**501**	mg/Kg	
7782-49-2	Selenium	0.41	ND	mg/Kg	U
7440-22-4	Silver	0.042	ND	mg/Kg	U
7440-23-5	Sodium	2.00	**196**	mg/Kg	
7440-28-0	Thallium	0.32	**6.10**	mg/Kg	
7440-62-2	Vanadium	0.042	**20.5**	mg/Kg	
7440-66-6	Zinc	0.40	**155**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-3
Client Sample ID: SSB-3 (0-2') Collected: 7/26/2012 08:45
Matrix: Soil Type: Grab % Solid: 89%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.49	**4790**	mg/Kg	
7440-36-0	Antimony	0.53	ND	mg/Kg	U
7440-38-2	Arsenic	0.22	**3.99**	mg/Kg	
7440-39-3	Barium	0.059	**129**	mg/Kg	
7440-41-7	Beryllium	0.059	**0.54**	mg/Kg	
7440-43-9	Cadmium	0.024	**0.083**	mg/Kg	
7440-70-2	Calcium	0.82	**11000**	mg/Kg	
7440-47-3	Chromium	0.070	**13.0**	mg/Kg	
7440-48-4	Cobalt	0.044	**4.58**	mg/Kg	
7440-50-8	Copper	0.20	**47.1**	mg/Kg	
7439-89-6	Iron	1.72	**11500**	mg/Kg	
7439-92-1	Lead	0.14	**237**	mg/Kg	
7439-95-4	Magnesium	3.03	**2390**	mg/Kg	
7439-96-5	Manganese	0.069	**200**	mg/Kg	
7440-02-0	Nickel	0.084	**11.5**	mg/Kg	
7440-09-7	Potassium	3.81	**887**	mg/Kg	
7782-49-2	Selenium	0.38	ND	mg/Kg	U
7440-22-4	Silver	0.039	ND	mg/Kg	U
7440-23-5	Sodium	1.87	**218**	mg/Kg	
7440-28-0	Thallium	0.30	**4.16**	mg/Kg	
7440-62-2	Vanadium	0.040	**22.1**	mg/Kg	
7440-66-6	Zinc	0.37	**156**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-4
Client Sample ID: SSB-4 (0-2') Collected: 7/26/2012 08:55
Matrix: Soil Type: Grab % Solid: 87.3%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.45	**6130**	mg/Kg	
7440-36-0	Antimony	0.51	ND	mg/Kg	U
7440-38-2	Arsenic	0.22	**0.70**	mg/Kg	
7440-39-3	Barium	0.057	**99.5**	mg/Kg	
7440-41-7	Beryllium	0.057	**0.75**	mg/Kg	
7440-43-9	Cadmium	0.023	ND	mg/Kg	U
7440-70-2	Calcium	0.80	**3400**	mg/Kg	
7440-47-3	Chromium	0.068	**26.2**	mg/Kg	
7440-48-4	Cobalt	0.042	**6.31**	mg/Kg	
7440-50-8	Copper	0.19	**26.8**	mg/Kg	
7439-89-6	Iron	1.67	**17900**	mg/Kg	
7439-92-1	Lead	0.13	**206**	mg/Kg	
7439-95-4	Magnesium	2.94	**4350**	mg/Kg	
7439-96-5	Manganese	0.067	**177**	mg/Kg	
7440-02-0	Nickel	0.081	**15.3**	mg/Kg	
7440-09-7	Potassium	3.70	**810**	mg/Kg	
7782-49-2	Selenium	0.37	ND	mg/Kg	U
7440-22-4	Silver	0.038	ND	mg/Kg	U
7440-23-5	Sodium	1.81	**195**	mg/Kg	
7440-28-0	Thallium	0.29	**7.31**	mg/Kg	
7440-62-2	Vanadium	0.038	**26.6**	mg/Kg	
7440-66-6	Zinc	0.36	**63.8**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-5
Client Sample ID: SSB-5 (0-2') Collected: 7/26/2012 09:05
Matrix: Soil Type: Grab % Solid: 92.4%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.43	**4610**	mg/Kg	
7440-36-0	Antimony	0.51	ND	mg/Kg	U
7440-38-2	Arsenic	0.21	ND	mg/Kg	U
7440-39-3	Barium	0.057	**32.5**	mg/Kg	
7440-41-7	Beryllium	0.057	**0.68**	mg/Kg	
7440-43-9	Cadmium	0.023	ND	mg/Kg	U
7440-70-2	Calcium	0.79	**472**	mg/Kg	
7440-47-3	Chromium	0.067	**11.7**	mg/Kg	
7440-48-4	Cobalt	0.042	**5.42**	mg/Kg	
7440-50-8	Copper	0.19	**16.6**	mg/Kg	
7439-89-6	Iron	1.65	**15500**	mg/Kg	
7439-92-1	Lead	0.13	**52.9**	mg/Kg	
7439-95-4	Magnesium	2.91	**1170**	mg/Kg	
7439-96-5	Manganese	0.066	**316**	mg/Kg	
7440-02-0	Nickel	0.080	**8.67**	mg/Kg	
7440-09-7	Potassium	3.65	**750**	mg/Kg	
7782-49-2	Selenium	0.36	ND	mg/Kg	U
7440-22-4	Silver	0.037	ND	mg/Kg	U
7440-23-5	Sodium	1.79	**73.8**	mg/Kg	
7440-28-0	Thallium	0.28	**1.82**	mg/Kg	
7440-62-2	Vanadium	0.038	**23.6**	mg/Kg	
7440-66-6	Zinc	0.35	**45.8**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-6
Client Sample ID: SSB-6 (0-2') Collected: 7/26/2012 09:15
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.54	**4380**	mg/Kg	
7440-36-0	Antimony	0.54	ND	mg/Kg	U
7440-38-2	Arsenic	0.23	**2.94**	mg/Kg	
7440-39-3	Barium	0.061	**74.5**	mg/Kg	
7440-41-7	Beryllium	0.061	**0.73**	mg/Kg	
7440-43-9	Cadmium	0.024	ND	mg/Kg	U
7440-70-2	Calcium	0.85	**881**	mg/Kg	
7440-47-3	Chromium	0.072	**13.8**	mg/Kg	
7440-48-4	Cobalt	0.045	**5.74**	mg/Kg	
7440-50-8	Copper	0.20	**35.9**	mg/Kg	
7439-89-6	Iron	1.77	**21400**	mg/Kg	
7439-92-1	Lead	0.14	**141**	mg/Kg	
7439-95-4	Magnesium	3.12	**1170**	mg/Kg	
7439-96-5	Manganese	0.071	**351**	mg/Kg	
7440-02-0	Nickel	0.086	**54.6**	mg/Kg	
7440-09-7	Potassium	3.92	**813**	mg/Kg	
7782-49-2	Selenium	0.39	ND	mg/Kg	U
7440-22-4	Silver	0.040	ND	mg/Kg	U
7440-23-5	Sodium	1.92	**102**	mg/Kg	
7440-28-0	Thallium	0.30	**5.06**	mg/Kg	
7440-62-2	Vanadium	0.041	**28.2**	mg/Kg	
7440-66-6	Zinc	0.38	**81.0**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-7
Client Sample ID: MLB-1 (0-2') Collected: 7/26/2012 09:30
Matrix: Soil Type: Grab % Solid: 90.3%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.45	**4460**	mg/Kg	
7440-36-0	Antimony	0.51	ND	mg/Kg	U
7440-38-2	Arsenic	0.22	ND	mg/Kg	U
7440-39-3	Barium	0.057	**28.8**	mg/Kg	
7440-41-7	Beryllium	0.057	**0.73**	mg/Kg	
7440-43-9	Cadmium	0.023	ND	mg/Kg	U
7440-70-2	Calcium	0.80	**609**	mg/Kg	
7440-47-3	Chromium	0.068	**14.3**	mg/Kg	
7440-48-4	Cobalt	0.043	**5.94**	mg/Kg	
7440-50-8	Copper	0.19	**15.4**	mg/Kg	
7439-89-6	Iron	1.67	**18500**	mg/Kg	
7439-92-1	Lead	0.13	**8.49**	mg/Kg	
7439-95-4	Magnesium	2.95	**1050**	mg/Kg	
7439-96-5	Manganese	0.067	**372**	mg/Kg	
7440-02-0	Nickel	0.082	**9.22**	mg/Kg	
7440-09-7	Potassium	3.71	**834**	mg/Kg	
7782-49-2	Selenium	0.37	ND	mg/Kg	U
7440-22-4	Silver	0.038	ND	mg/Kg	U
7440-23-5	Sodium	1.82	**126**	mg/Kg	
7440-28-0	Thallium	0.29	**3.24**	mg/Kg	
7440-62-2	Vanadium	0.038	**28.7**	mg/Kg	
7440-66-6	Zinc	0.36	**76.6**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-8
Client Sample ID: MLB-1 (10-12') Collected: 7/26/2012 09:45
Matrix: Soil Type: Grab % Solid: 91.2%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.50	**5760**	mg/Kg	
7440-36-0	Antimony	0.53	ND	mg/Kg	U
7440-38-2	Arsenic	0.23	ND	mg/Kg	U
7440-39-3	Barium	0.059	**35.9**	mg/Kg	
7440-41-7	Beryllium	0.059	**0.67**	mg/Kg	
7440-43-9	Cadmium	0.024	ND	mg/Kg	U
7440-70-2	Calcium	0.83	**791**	mg/Kg	
7440-47-3	Chromium	0.071	**23.5**	mg/Kg	
7440-48-4	Cobalt	0.044	**7.20**	mg/Kg	
7440-50-8	Copper	0.20	**16.9**	mg/Kg	
7439-89-6	Iron	1.73	**16100**	mg/Kg	
7439-92-1	Lead	0.14	**4.51**	mg/Kg	
7439-95-4	Magnesium	3.05	**2530**	mg/Kg	
7439-96-5	Manganese	0.069	**137**	mg/Kg	
7440-02-0	Nickel	0.084	**14.0**	mg/Kg	
7440-09-7	Potassium	3.84	**958**	mg/Kg	
7782-49-2	Selenium	0.38	ND	mg/Kg	U
7440-22-4	Silver	0.039	ND	mg/Kg	U
7440-23-5	Sodium	1.88	**160**	mg/Kg	
7440-28-0	Thallium	0.30	**1.28**	mg/Kg	
7440-62-2	Vanadium	0.040	**27.6**	mg/Kg	
7440-66-6	Zinc	0.37	**27.2**	mg/Kg	

* Results are reported on a dry weight basis

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-9
Client Sample ID: MLB-2 (0-2') Collected: 7/26/2012 10:30
Matrix: Soil Type: Grab % Solid: 91.8%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.51	**4950**	mg/Kg	
7440-36-0	Antimony	0.54	ND	mg/Kg	U
7440-38-2	Arsenic	0.23	ND	mg/Kg	U
7440-39-3	Barium	0.060	**47.3**	mg/Kg	
7440-41-7	Beryllium	0.060	**0.73**	mg/Kg	
7440-43-9	Cadmium	0.024	ND	mg/Kg	U
7440-70-2	Calcium	0.83	**295**	mg/Kg	
7440-47-3	Chromium	0.071	**16.7**	mg/Kg	
7440-48-4	Cobalt	0.044	**4.86**	mg/Kg	
7440-50-8	Copper	0.20	**18.4**	mg/Kg	
7439-89-6	Iron	1.74	**16300**	mg/Kg	
7439-92-1	Lead	0.14	**27.6**	mg/Kg	
7439-95-4	Magnesium	3.07	**1130**	mg/Kg	
7439-96-5	Manganese	0.070	**208**	mg/Kg	
7440-02-0	Nickel	0.085	**8.04**	mg/Kg	
7440-09-7	Potassium	3.86	**1070**	mg/Kg	
7782-49-2	Selenium	0.38	ND	mg/Kg	U
7440-22-4	Silver	0.039	ND	mg/Kg	U
7440-23-5	Sodium	1.89	**243**	mg/Kg	
7440-28-0	Thallium	0.30	**2.88**	mg/Kg	
7440-62-2	Vanadium	0.040	**27.9**	mg/Kg	
7440-66-6	Zinc	0.37	**38.1**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-10
Client Sample ID: MLB-2 (10-12') Collected: 7/26/2012 10:45
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.45	**3710**	mg/Kg	
7440-36-0	Antimony	0.51	ND	mg/Kg	U
7440-38-2	Arsenic	0.22	ND	mg/Kg	U
7440-39-3	Barium	0.057	**31.6**	mg/Kg	
7440-41-7	Beryllium	0.057	**0.61**	mg/Kg	
7440-43-9	Cadmium	0.023	ND	mg/Kg	U
7440-70-2	Calcium	0.80	**1090**	mg/Kg	
7440-47-3	Chromium	0.068	**12.1**	mg/Kg	
7440-48-4	Cobalt	0.043	**4.91**	mg/Kg	
7440-50-8	Copper	0.19	**12.7**	mg/Kg	
7439-89-6	Iron	1.67	**16400**	mg/Kg	
7439-92-1	Lead	0.13	**5.41**	mg/Kg	
7439-95-4	Magnesium	2.95	**1300**	mg/Kg	
7439-96-5	Manganese	0.067	**365**	mg/Kg	
7440-02-0	Nickel	0.082	**7.87**	mg/Kg	
7440-09-7	Potassium	3.71	**1020**	mg/Kg	
7782-49-2	Selenium	0.37	ND	mg/Kg	U
7440-22-4	Silver	0.038	ND	mg/Kg	U
7440-23-5	Sodium	1.82	**121**	mg/Kg	
7440-28-0	Thallium	0.29	**1.13**	mg/Kg	
7440-62-2	Vanadium	0.038	**22.6**	mg/Kg	
7440-66-6	Zinc	0.36	**24.5**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-11
Client Sample ID: MLB-3 (0-2') Collected: 7/26/2012 11:20
Matrix: Soil Type: Grab % Solid: 90.6%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.47	**3280**	mg/Kg	
7440-36-0	Antimony	0.52	ND	mg/Kg	U
7440-38-2	Arsenic	0.22	ND	mg/Kg	U
7440-39-3	Barium	0.058	**33.5**	mg/Kg	
7440-41-7	Beryllium	0.058	**0.60**	mg/Kg	
7440-43-9	Cadmium	0.023	ND	mg/Kg	U
7440-70-2	Calcium	0.81	**313**	mg/Kg	
7440-47-3	Chromium	0.069	**11.4**	mg/Kg	
7440-48-4	Cobalt	0.043	**4.94**	mg/Kg	
7440-50-8	Copper	0.19	**12.4**	mg/Kg	
7439-89-6	Iron	1.69	**16600**	mg/Kg	
7439-92-1	Lead	0.13	**5.36**	mg/Kg	
7439-95-4	Magnesium	2.98	**967**	mg/Kg	
7439-96-5	Manganese	0.068	**434**	mg/Kg	
7440-02-0	Nickel	0.082	**9.63**	mg/Kg	
7440-09-7	Potassium	3.75	**708**	mg/Kg	
7782-49-2	Selenium	0.37	ND	mg/Kg	U
7440-22-4	Silver	0.038	ND	mg/Kg	U
7440-23-5	Sodium	1.84	**62.3**	mg/Kg	
7440-28-0	Thallium	0.29	**1.14**	mg/Kg	
7440-62-2	Vanadium	0.039	**23.6**	mg/Kg	
7440-66-6	Zinc	0.36	**28.6**	mg/Kg	

* Results are reported on a dry weight basis

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8/8/2012

TAL Metals by SW846 6010

Sample: 1207346-12
Client Sample ID: MLB-3 (10-12') Collected: 7/26/2012 11:30
Matrix: Soil Type: Grab % Solid: 85.2%
Remarks:
Analyzed Date: 8/3/2012
Preparation Date(s) : 7/30/2012 7/31/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.53	**2040**	mg/Kg	
7440-36-0	Antimony	0.54	ND	mg/Kg	U
7440-38-2	Arsenic	0.23	ND	mg/Kg	U
7440-39-3	Barium	0.061	**21.2**	mg/Kg	
7440-41-7	Beryllium	0.061	**0.42**	mg/Kg	
7440-43-9	Cadmium	0.024	ND	mg/Kg	U
7440-70-2	Calcium	0.84	**299**	mg/Kg	
7440-47-3	Chromium	0.072	**6.82**	mg/Kg	
7440-48-4	Cobalt	0.045	**2.59**	mg/Kg	
7440-50-8	Copper	0.20	**8.26**	mg/Kg	
7439-89-6	Iron	1.76	**10600**	mg/Kg	
7439-92-1	Lead	0.14	**3.14**	mg/Kg	
7439-95-4	Magnesium	3.11	**656**	mg/Kg	
7439-96-5	Manganese	0.071	**125**	mg/Kg	
7440-02-0	Nickel	0.086	**4.45**	mg/Kg	
7440-09-7	Potassium	3.91	**399**	mg/Kg	
7782-49-2	Selenium	0.39	ND	mg/Kg	U
7440-22-4	Silver	0.040	ND	mg/Kg	U
7440-23-5	Sodium	1.91	**72.4**	mg/Kg	
7440-28-0	Thallium	0.30	**1.79**	mg/Kg	
7440-62-2	Vanadium	0.041	**14.8**	mg/Kg	
7440-66-6	Zinc	0.38	**27.7**	mg/Kg	

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8/8/2012

Case Narrative

EPA 8260 VOLATILE SOIL ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein was calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Initial Calibration:
Average response factor for the quantitation method was acceptable for all compounds
with the following exceptions in which linear reggression was used:

Bromethane (cof=0.980)
Chloroethane (coef = 0.984)
Trichlorofluoromethane (cof = 0.955)
1,1-Dichloroethene (coef = 0.989)
Acetone (coef = 0.991)
Methylene Chloride (coef = 0.969)
Tert butyl alcohol (coef = 0.978)
Trans-1,2 Dichoroethene (coef = 0.994)
Tert amyl alcohol (0.721)
2-chloroethylvinylether (coef = 0.985)
cis- 1,3- Dichloropropene (coef = 0.994)
Tetrachloroethene (coef = 0.898)
Hexanone (coef = 0.990)
Naphthalene (coef = 0.989)

The following compounds exhibited a % RSD of >15 % in the initial calibration

Bromomethane 32.27
Chloroethane 23.61
Trichlorofluoromethane 73.03
1,1-Dichloroethene 17.44
Acetone 28.42
Methylene Chloride 25.63
Tert butyl alcohol 20.66
Trans-1,2-Dichoroethene 16.38
Acrilonitrile 17.56
Tert-amyl-alcohol 26.66
2-chloroethylvinylether 33.28

8/8/2012

Case Narrative

Cis-1,3-Dichloropronene 19.53
Tetrachloroethene 21.22
2-Hexanone 16.39
o-Xylene 16.48
1,4-Dichorobenzene 18.33
Naphthalene 19.26

Environmental Quality Services, Inc.
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8/8/2012

Case Narrative

METALS ANALYSIS

Batch C4313

Se was rejected for sample #1,2,3 after a review of the spectra revealed no peaks above the baseline.

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8/8/2012

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

APPENDIX F

LABORATORY ANALYTICAL REPORT FOR GROUNDWATER SAMPLES

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/22/2012

Laboratory Identifier: 1208129

Received: 8/10/2012 11:54
Sampled by: Matthew Boeckel

Client: Tyree Environmental Corp. (28739)

208 Route 109
Farmingdale,
NY 11735

Project: Oliver Strumm Garage

131 BERRY Street
Brooklyn,
NY

Manager: Matthew Boeckel

Respectfully submitted,

Juan R.Cuba - Technical Director

NYS Lab ID # 10969
NJ Lab ID # PH0645
CT Lab ID # PH0645
PA Lab ID # 68-0053

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Quality Services, Inc. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/22/2012

Volatiles - EPA 8260B

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
67-64-1	Acetone	C4141-1746	2.92	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C4141-1746	0.44	ND	ug/L	U
67-66-3	Chloroform	C4141-1746	0.46	**0.64**	ug/L	J
71-43-2	Benzene	C4141-1746	0.43	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C4141-1746	0.52	ND	ug/L	U
74-83-9	Bromomethane	C4141-1746	0.59	ND	ug/L	U
74-87-3	Chloromethane	C4141-1746	0.51	ND	ug/L	U
74-95-3	Dibromomethane	C4141-1746	0.47	ND	ug/L	U
74-97-5	Bromochloromethane	C4141-1746	0.53	ND	ug/L	U
75-00-3	Chloroethane	C4141-1746	0.94	ND	ug/L	U
75-01-4	Vinyl Chloride	C4141-1746	0.43	ND	ug/L	U
75-09-2	Methylene Chloride	C4141-1746	0.39	ND	ug/L	U
75-15-0	Carbon disulfide	C4141-1746	0.40	ND	ug/L	U
75-25-2	Bromoform	C4141-1746	0.37	ND	ug/L	U
75-27-4	Bromodichloromethane	C4141-1746	0.50	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C4141-1746	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C4141-1746	0.37	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C4141-1746	8.92	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C4141-1746	0.52	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C4141-1746	0.49	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C4141-1746	0.47	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C4141-1746	0.52	ND	ug/L	U
78-93-3	2-Butanone	C4141-1746	1.92	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C4141-1746	0.51	ND	ug/L	U
79-01-6	Trichloroethene	C4141-1746	0.46	**2.99**	ug/L	J
79-34-5	1,1,2,2-Tetrachloroethane	C4141-1746	0.46	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C4141-1746	0.36	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C4141-1746	0.54	ND	ug/L	U
91-20-3	Naphthalene	C4141-1746	0.33	ND	ug/L	U
95-47-6	o-xylene	C4141-1746	0.37	ND	ug/L	U
95-49-8	2-Chlorotoluene	C4141-1746	0.36	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C4141-1746	0.49	ND	ug/L	U

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8/22/2012

Volatiles - EPA 8260B

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C4141-1746	0.44	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C4141-1746	0.35	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C4141-1746	0.28	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C4141-1746	0.54	ND	ug/L	U
98-06-6	tert-Butylbenzene	C4141-1746	0.44	ND	ug/L	U
98-82-8	Isopropylbenzene	C4141-1746	0.44	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C4141-1746	0.34	ND	ug/L	U
100-41-4	Ethylbenzene	C4141-1746	0.41	ND	ug/L	U
100-42-5	Styrene	C4141-1746	0.39	ND	ug/L	U
103-65-1	n-Propylbenzene	C4141-1746	0.41	ND	ug/L	U
104-51-8	n-Butylbenzene	C4141-1746	0.43	ND	ug/L	U
105-05-5	p-Diethylbenzene	C4141-1746	0.39	ND	ug/L	U
106-43-4	4-Chlorotoluene	C4141-1746	0.52	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C4141-1746	0.40	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C4141-1746	0.47	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C4141-1746	0.50	ND	ug/L	U
107-13-1	Acrylonitrile	C4141-1746	7.65	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C4141-1746	1.82	ND	ug/L	U
108-38-3	m,p-xylene	C4141-1746	0.86	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C4141-1746	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C4141-1746	0.37	ND	ug/L	U
108-88-3	Toluene	C4141-1746	0.45	ND	ug/L	U
108-90-7	Chlorobenzene	C4141-1746	0.48	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C4141-1746	0.50	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C4141-1746	0.45	ND	ug/L	U
124-48-1	Dibromochloromethane	C4141-1746	0.43	ND	ug/L	U
127-18-4	Tetrachloroethene	C4141-1746	0.59	**2.02**	ug/L	J
135-98-8	sec-Butylbenzene	C4141-1746	0.36	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C4141-1746	0.46	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C4141-1746	0.42	**2.43**	ug/L	J
156-60-5	t-1,2-Dichloroethene	C4141-1746	0.27	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C4141-1746	0.38	ND	ug/L	U

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8/22/2012

Volatiles - EPA 8260B

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
563-58-6	1,1-Dichloropropene	C4141-1746	0.36	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C4141-1746	0.59	ND	ug/L	U
591-78-6	2-Hexanone	C4141-1746	2.23	ND	ug/L	U
622-96-8	p-Ethyltoluene	C4141-1746	0.39	ND	ug/L	U
630-20-6	1,1,1,2-Tetrachloroethane	C4141-1746	0.42	ND	ug/L	U
994-05-8	TAME	C4141-1746	0.77	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C4141-1746	0.50	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C4141-1746	0.52	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C4141-1746	0.37	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C4141-1746	106.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C4141-1746	84.9 %	(75 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C4141-1746	109.0 %	(80 - 132)	
2037-26-5	TOLUENE-D8	C4141-1746	92.8 %	(82 - 111)	

Environmental Quality Services, Inc.
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8/22/2012

Volatiles - EPA 8260B

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
67-64-1	Acetone	C4141-1747	2.92	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C4141-1747	0.44	ND	ug/L	U
67-66-3	Chloroform	C4141-1747	0.46	ND	ug/L	U
71-43-2	Benzene	C4141-1747	0.43	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C4141-1747	0.52	ND	ug/L	U
74-83-9	Bromomethane	C4141-1747	0.59	ND	ug/L	U
74-87-3	Chloromethane	C4141-1747	0.51	ND	ug/L	U
74-95-3	Dibromomethane	C4141-1747	0.47	ND	ug/L	U
74-97-5	Bromochloromethane	C4141-1747	0.53	ND	ug/L	U
75-00-3	Chloroethane	C4141-1747	0.94	ND	ug/L	U
75-01-4	Vinyl Chloride	C4141-1747	0.43	ND	ug/L	U
75-09-2	Methylene Chloride	C4141-1747	0.39	ND	ug/L	U
75-15-0	Carbon disulfide	C4141-1747	0.40	ND	ug/L	U
75-25-2	Bromoform	C4141-1747	0.37	ND	ug/L	U
75-27-4	Bromodichloromethane	C4141-1747	0.50	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C4141-1747	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C4141-1747	0.37	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C4141-1747	8.92	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C4141-1747	0.52	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C4141-1747	0.49	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C4141-1747	0.47	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C4141-1747	0.52	ND	ug/L	U
78-93-3	2-Butanone	C4141-1747	1.92	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C4141-1747	0.51	ND	ug/L	U
79-01-6	Trichloroethene	C4141-1747	0.46	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C4141-1747	0.46	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C4141-1747	0.36	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C4141-1747	0.54	ND	ug/L	U
91-20-3	Naphthalene	C4141-1747	0.33	ND	ug/L	U
95-47-6	o-xylene	C4141-1747	0.37	ND	ug/L	U
95-49-8	2-Chlorotoluene	C4141-1747	0.36	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C4141-1747	0.49	ND	ug/L	U

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Volatiles - EPA 8260B

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C4141-1747	0.44	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C4141-1747	0.35	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C4141-1747	0.28	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C4141-1747	0.54	ND	ug/L	U
98-06-6	tert-Butylbenzene	C4141-1747	0.44	ND	ug/L	U
98-82-8	Isopropylbenzene	C4141-1747	0.44	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C4141-1747	0.34	ND	ug/L	U
100-41-4	Ethylbenzene	C4141-1747	0.41	ND	ug/L	U
100-42-5	Styrene	C4141-1747	0.39	ND	ug/L	U
103-65-1	n-Propylbenzene	C4141-1747	0.41	ND	ug/L	U
104-51-8	n-Butylbenzene	C4141-1747	0.43	ND	ug/L	U
105-05-5	p-Diethylbenzene	C4141-1747	0.39	ND	ug/L	U
106-43-4	4-Chlorotoluene	C4141-1747	0.52	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C4141-1747	0.40	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C4141-1747	0.47	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C4141-1747	0.50	ND	ug/L	U
107-13-1	Acrylonitrile	C4141-1747	7.65	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C4141-1747	1.82	ND	ug/L	U
108-38-3	m,p-xylene	C4141-1747	0.86	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C4141-1747	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C4141-1747	0.37	ND	ug/L	U
108-88-3	Toluene	C4141-1747	0.45	ND	ug/L	U
108-90-7	Chlorobenzene	C4141-1747	0.48	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C4141-1747	0.50	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C4141-1747	0.45	ND	ug/L	U
124-48-1	Dibromochloromethane	C4141-1747	0.43	ND	ug/L	U
127-18-4	Tetrachloroethene	C4141-1747	0.59	**6.88**	ug/L	
135-98-8	sec-Butylbenzene	C4141-1747	0.36	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C4141-1747	0.46	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C4141-1747	0.42	ND	ug/L	U
156-60-5	t-1,2-Dichloroethene	C4141-1747	0.27	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C4141-1747	0.38	ND	ug/L	U

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Volatiles - EPA 8260B

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/10/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
563-58-6	1,1-Dichloropropene	C4141-1747	0.36	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C4141-1747	0.59	ND	ug/L	U
591-78-6	2-Hexanone	C4141-1747	2.23	ND	ug/L	U
622-96-8	p-Ethyltoluene	C4141-1747	0.39	ND	ug/L	U
630-20-6	1,1,1,2-Tetrachloroethane	C4141-1747	0.42	ND	ug/L	U
994-05-8	TAME	C4141-1747	0.77	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C4141-1747	0.50	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C4141-1747	0.52	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C4141-1747	0.37	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C4141-1747	109.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C4141-1747	83.8 %	(75 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C4141-1747	113.0 %	(80 - 132)	
2037-26-5	TOLUENE-D8	C4141-1747	92.7 %	(82 - 111)	

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Volatiles - EPA 8260B

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
67-64-1	Acetone	C4143-1767	2.92	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C4143-1767	0.44	ND	ug/L	U
67-66-3	Chloroform	C4143-1767	0.46	ND	ug/L	U
71-43-2	Benzene	C4143-1767	0.43	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C4143-1767	0.52	ND	ug/L	U
74-83-9	Bromomethane	C4143-1767	0.59	ND	ug/L	U
74-87-3	Chloromethane	C4143-1767	0.51	ND	ug/L	U
74-95-3	Dibromomethane	C4143-1767	0.47	ND	ug/L	U
74-97-5	Bromochloromethane	C4143-1767	0.53	ND	ug/L	U
75-00-3	Chloroethane	C4143-1767	0.94	ND	ug/L	U
75-01-4	Vinyl Chloride	C4143-1767	0.43	ND	ug/L	U
75-09-2	Methylene Chloride	C4143-1767	0.39	**5.16**	ug/L	
75-15-0	Carbon disulfide	C4143-1767	0.40	ND	ug/L	U
75-25-2	Bromoform	C4143-1767	0.37	ND	ug/L	U
75-27-4	Bromodichloromethane	C4143-1767	0.50	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C4143-1767	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C4143-1767	0.37	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C4143-1767	8.92	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C4143-1767	0.52	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C4143-1767	0.49	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C4143-1767	0.47	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C4143-1767	0.52	ND	ug/L	U
78-93-3	2-Butanone	C4143-1767	1.92	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C4143-1767	0.51	ND	ug/L	U
79-01-6	Trichloroethene	C4143-1767	0.46	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C4143-1767	0.46	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C4143-1767	0.36	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C4143-1767	0.54	ND	ug/L	U
91-20-3	Naphthalene	C4143-1767	0.33	ND	ug/L	U
95-47-6	o-xylene	C4143-1767	0.37	ND	ug/L	U
95-49-8	2-Chlorotoluene	C4143-1767	0.36	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C4143-1767	0.49	ND	ug/L	U

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8/22/2012

Volatiles - EPA 8260B

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C4143-1767	0.44	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C4143-1767	0.35	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C4143-1767	0.28	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C4143-1767	0.54	ND	ug/L	U
98-06-6	tert-Butylbenzene	C4143-1767	0.44	ND	ug/L	U
98-82-8	Isopropylbenzene	C4143-1767	0.44	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C4143-1767	0.34	ND	ug/L	U
100-41-4	Ethylbenzene	C4143-1767	0.41	ND	ug/L	U
100-42-5	Styrene	C4143-1767	0.39	ND	ug/L	U
103-65-1	n-Propylbenzene	C4143-1767	0.41	ND	ug/L	U
104-51-8	n-Butylbenzene	C4143-1767	0.43	ND	ug/L	U
105-05-5	p-Diethylbenzene	C4143-1767	0.39	ND	ug/L	U
106-43-4	4-Chlorotoluene	C4143-1767	0.52	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C4143-1767	0.40	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C4143-1767	0.47	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C4143-1767	0.50	ND	ug/L	U
107-13-1	Acrylonitrile	C4143-1767	7.65	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C4143-1767	1.82	ND	ug/L	U
108-38-3	m,p-xylene	C4143-1767	0.86	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C4143-1767	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C4143-1767	0.37	ND	ug/L	U
108-88-3	Toluene	C4143-1767	0.45	ND	ug/L	U
108-90-7	Chlorobenzene	C4143-1767	0.48	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C4143-1767	0.50	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C4143-1767	0.45	ND	ug/L	U
124-48-1	Dibromochloromethane	C4143-1767	0.43	ND	ug/L	U
127-18-4	Tetrachloroethene	C4143-1767	0.59	ND	ug/L	U
135-98-8	sec-Butylbenzene	C4143-1767	0.36	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C4143-1767	0.46	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C4143-1767	0.42	ND	ug/L	U
156-60-5	t-1,2-Dichloroethene	C4143-1767	0.27	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C4143-1767	0.38	ND	ug/L	U

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Volatiles - EPA 8260B

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
563-58-6	1,1-Dichloropropene	C4143-1767	0.36	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C4143-1767	0.59	ND	ug/L	U
591-78-6	2-Hexanone	C4143-1767	2.23	ND	ug/L	U
622-96-8	p-Ethyltoluene	C4143-1767	0.39	ND	ug/L	U
630-20-6	1,1,1,2-Tetrachloroethane	C4143-1767	0.42	ND	ug/L	U
994-05-8	TAME	C4143-1767	0.77	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C4143-1767	0.50	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C4143-1767	0.52	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C4143-1767	0.37	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C4143-1767	97.6 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C4143-1767	93.9 %	(75 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C4143-1767	98.3 %	(80 - 132)	
2037-26-5	TOLUENE-D8	C4143-1767	99.6 %	(82 - 111)	

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8/22/2012

Semivolatile Compounds - EPA 8270C

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2894-240	0.92	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2894-240	0.71	ND	ug/L	U
122-66-7	1,2-Diphenylhydrazine	C2894-240	0.87	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2894-240	0.82	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2894-240	0.74	ND	ug/L	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2894-240	1.07	ND	ug/L	U
95-95-4	2,4,5-Trichlorophenol	C2894-240	0.59	ND	ug/L	U
88-06-2	2,4,6-Trichlorophenol	C2894-240	0.75	ND	ug/L	U
120-83-2	2,4-Dichlorophenol	C2894-240	0.98	ND	ug/L	U
105-67-9	2,4-Dimethylphenol	C2894-240	1.03	ND	ug/L	U
51-28-5	2,4-Dinitrophenol	C2894-240	4.51	ND	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2894-240	0.62	ND	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2894-240	0.98	ND	ug/L	U
91-58-7	2-Chloronaphthalene	C2894-240	0.92	ND	ug/L	U
95-57-8	2-Chlorophenol	C2894-240	0.63	ND	ug/L	U
91-57-6	2-Methylnaphthalene	C2894-240	0.82	ND	ug/L	U
95-48-7	2-Methylphenol	C2894-240	0.50	ND	ug/L	U
88-74-4	2-Nitroaniline	C2894-240	0.77	ND	ug/L	U
88-75-5	2-Nitrophenol	C2894-240	1.03	ND	ug/L	U
106-44-5	3+4-Methylphenol	C2894-240	0.17	ND	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2894-240	0.68	ND	ug/L	U
99-09-2	3-Nitroaniline	C2894-240	0.60	ND	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	C2894-240	0.82	ND	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	C2894-240	0.85	ND	ug/L	U
59-50-7	4-Chloro-3-methylphenol	C2894-240	0.53	ND	ug/L	U
106-47-8	4-Chloroaniline	C2894-240	0.47	ND	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	C2894-240	0.92	ND	ug/L	U
100-01-6	4-Nitroaniline	C2894-240	1.07	ND	ug/L	U
100-02-7	4-Nitrophenol	C2894-240	2.04	ND	ug/L	U
83-32-9	Acenaphthene	C2894-240	1.02	ND	ug/L	U
208-96-8	Acenaphthylene	C2894-240	0.93	ND	ug/L	U
62-53-3	Aniline	C2894-240	0.23	ND	ug/L	U

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8/22/2012

Semivolatile Compounds - EPA 8270C

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-12-7	Anthracene	C2894-240	0.84	ND	ug/L	U
92-87-5	Benzidine	C2894-240	28.5	ND	ug/L	U
56-55-3	Benzo(a)anthracene	C2894-240	1.03	ND	ug/L	U
50-32-8	Benzo(a)pyrene	C2894-240	0.91	ND	ug/L	U
205-99-2	Benzo(b)fluoranthene	C2894-240	0.92	ND	ug/L	U
191-24-2	Benzo(g,h,i)perylene	C2894-240	1.05	ND	ug/L	U
207-08-9	Benzo(k)fluoranthene	C2894-240	1.00	ND	ug/L	U
65-85-0	Benzoic acid	C2894-240	10.3	ND	ug/L	U
100-51-6	Benzyl alcohol	C2894-240	0.48	ND	ug/L	U
85-68-7	Butyl benzyl phthalate	C2894-240	1.33	ND	ug/L	U
86-74-8	Carbazole	C2894-240	1.08	ND	ug/L	U
218-01-9	Chrysene	C2894-240	0.95	ND	ug/L	U
	Cresols	C2894-240	0.67	ND	ug/L	U
84-74-2	Di-n-butyl phthalate	C2894-240	0.97	ND	ug/L	U
117-84-0	Di-n-octyl phthalate	C2894-240	1.11	ND	ug/L	U
53-70-3	Dibenz(a,h)anthracene	C2894-240	0.87	ND	ug/L	U
132-64-9	Dibenzofuran	C2894-240	0.80	ND	ug/L	U
84-66-2	Diethyl phthalate	C2894-240	1.07	ND	ug/L	U
131-11-3	Dimethyl phthalate	C2894-240	1.02	ND	ug/L	U
206-44-0	Fluoranthene	C2894-240	0.86	ND	ug/L	U
86-73-7	Fluorene	C2894-240	0.91	ND	ug/L	U
118-74-1	Hexachlorobenzene	C2894-240	0.73	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C2894-240	1.05	ND	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2894-240	0.38	ND	ug/L	U
67-72-1	Hexachloroethane	C2894-240	0.99	ND	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2894-240	0.95	ND	ug/L	U
78-59-1	Isophorone	C2894-240	0.70	ND	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	C2894-240	0.74	ND	ug/L	U
62-75-9	N-Nitrosodimethylamine	C2894-240	0.73	ND	ug/L	U
86-30-6	N-Nitrosodiphenylamine	C2894-240	1.10	ND	ug/L	U
91-20-3	Naphthalene	C2894-240	0.87	ND	ug/L	U
98-95-3	Nitrobenzene	C2894-240	0.91	ND	ug/L	U

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
87-86-5	Pentachlorophenol	C2894-240	0.81	ND	ug/L	U
85-01-8	Phenanthrene	C2894-240	0.90	ND	ug/L	U
108-95-2	Phenol	C2894-240	0.25	ND	ug/L	U
129-00-0	Pyrene	C2894-240	1.01	ND	ug/L	U
110-86-1	Pyridine	C2894-240	0.37	ND	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	C2894-240	0.95	ND	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	C2894-240	0.57	ND	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	C2894-240	0.77	ND	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2894-240	1.44	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2894-240	57.3 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	C2894-240	28.3 %	(43 - 116)	*
367-12-4	2-FLUOROPHENOL	C2894-240	10.4 %	(21 - 110)	*
4165-60-0	NITROBENZENE-D5	C2894-240	23.9 %	(35 - 114)	*
13127-88-3	PHENOL-D6	C2894-240	7.7 %	(10 - 110)	*
1718-51-0	TERPHENYL-D14	C2894-240	71.8 %	(33 - 141)	

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/17/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2896-265	0.92	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2896-265	0.71	ND	ug/L	U
122-66-7	1,2-Diphenylhydrazine	C2896-265	0.87	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2896-265	0.82	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2896-265	0.74	ND	ug/L	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2896-265	1.07	ND	ug/L	U
95-95-4	2,4,5-Trichlorophenol	C2896-265	0.59	ND	ug/L	U
88-06-2	2,4,6-Trichlorophenol	C2896-265	0.75	ND	ug/L	U
120-83-2	2,4-Dichlorophenol	C2896-265	0.98	ND	ug/L	U
105-67-9	2,4-Dimethylphenol	C2896-265	1.03	ND	ug/L	U
51-28-5	2,4-Dinitrophenol	C2896-265	4.51	ND	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2896-265	0.62	ND	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2896-265	0.98	ND	ug/L	U
91-58-7	2-Chloronaphthalene	C2896-265	0.92	ND	ug/L	U
95-57-8	2-Chlorophenol	C2896-265	0.63	ND	ug/L	U
91-57-6	2-Methylnaphthalene	C2896-265	0.82	ND	ug/L	U
95-48-7	2-Methylphenol	C2896-265	0.50	ND	ug/L	U
88-74-4	2-Nitroaniline	C2896-265	0.77	ND	ug/L	U
88-75-5	2-Nitrophenol	C2896-265	1.03	ND	ug/L	U
106-44-5	3+4-Methylphenol	C2896-265	0.17	ND	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2896-265	0.68	ND	ug/L	U
99-09-2	3-Nitroaniline	C2896-265	0.60	ND	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	C2896-265	0.82	ND	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	C2896-265	0.85	ND	ug/L	U
59-50-7	4-Chloro-3-methylphenol	C2896-265	0.53	ND	ug/L	U
106-47-8	4-Chloroaniline	C2896-265	0.47	ND	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	C2896-265	0.92	ND	ug/L	U
100-01-6	4-Nitroaniline	C2896-265	1.07	ND	ug/L	U
100-02-7	4-Nitrophenol	C2896-265	2.04	ND	ug/L	U
83-32-9	Acenaphthene	C2896-265	1.02	ND	ug/L	U
208-96-8	Acenaphthylene	C2896-265	0.93	ND	ug/L	U
62-53-3	Aniline	C2896-265	0.23	ND	ug/L	U

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/17/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-12-7	Anthracene	C2896-265	0.84	ND	ug/L	U
92-87-5	Benzidine	C2896-265	28.5	ND	ug/L	U
56-55-3	Benzo(a)anthracene	C2896-265	1.03	ND	ug/L	U
50-32-8	Benzo(a)pyrene	C2896-265	0.91	ND	ug/L	U
205-99-2	Benzo(b)fluoranthene	C2896-265	0.92	ND	ug/L	U
191-24-2	Benzo(g,h,i)perylene	C2896-265	1.05	ND	ug/L	U
207-08-9	Benzo(k)fluoranthene	C2896-265	1.00	ND	ug/L	U
65-85-0	Benzoic acid	C2896-265	10.3	ND	ug/L	U
100-51-6	Benzyl alcohol	C2896-265	0.48	ND	ug/L	U
85-68-7	Butyl benzyl phthalate	C2896-265	1.33	ND	ug/L	U
86-74-8	Carbazole	C2896-265	1.08	ND	ug/L	U
218-01-9	Chrysene	C2896-265	0.95	ND	ug/L	U
	Cresols	C2896-265	0.67	ND	ug/L	U
84-74-2	Di-n-butyl phthalate	C2896-265	0.97	ND	ug/L	U
117-84-0	Di-n-octyl phthalate	C2896-265	1.11	ND	ug/L	U
53-70-3	Dibenz(a,h)anthracene	C2896-265	0.87	ND	ug/L	U
132-64-9	Dibenzofuran	C2896-265	0.80	ND	ug/L	U
84-66-2	Diethyl phthalate	C2896-265	1.07	ND	ug/L	U
131-11-3	Dimethyl phthalate	C2896-265	1.02	ND	ug/L	U
206-44-0	Fluoranthene	C2896-265	0.86	ND	ug/L	U
86-73-7	Fluorene	C2896-265	0.91	ND	ug/L	U
118-74-1	Hexachlorobenzene	C2896-265	0.73	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C2896-265	1.05	ND	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2896-265	0.38	ND	ug/L	U
67-72-1	Hexachloroethane	C2896-265	0.99	ND	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2896-265	0.95	ND	ug/L	U
78-59-1	Isophorone	C2896-265	0.70	ND	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	C2896-265	0.74	ND	ug/L	U
62-75-9	N-Nitrosodimethylamine	C2896-265	0.73	ND	ug/L	U
86-30-6	N-Nitrosodiphenylamine	C2896-265	1.10	ND	ug/L	U
91-20-3	Naphthalene	C2896-265	0.87	ND	ug/L	U
98-95-3	Nitrobenzene	C2896-265	0.91	ND	ug/L	U

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/17/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
87-86-5	Pentachlorophenol	C2896-265	0.81	ND	ug/L	U
85-01-8	Phenanthrene	C2896-265	0.90	ND	ug/L	U
108-95-2	Phenol	C2896-265	0.25	ND	ug/L	U
129-00-0	Pyrene	C2896-265	1.01	ND	ug/L	U
110-86-1	Pyridine	C2896-265	0.37	ND	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	C2896-265	0.95	ND	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	C2896-265	0.57	ND	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	C2896-265	0.77	ND	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2896-265	1.44	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2896-265	76.3 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	C2896-265	67.4 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	C2896-265	32.5 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	C2896-265	64.1 %	(35 - 114)	
13127-88-3	PHENOL-D6	C2896-265	21.6 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	C2896-265	72.6 %	(33 - 141)	

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2894-242	0.92	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2894-242	0.71	ND	ug/L	U
122-66-7	1,2-Diphenylhydrazine	C2894-242	0.87	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2894-242	0.82	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2894-242	0.74	ND	ug/L	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2894-242	1.07	ND	ug/L	U
95-95-4	2,4,5-Trichlorophenol	C2894-242	0.59	ND	ug/L	U
88-06-2	2,4,6-Trichlorophenol	C2894-242	0.75	ND	ug/L	U
120-83-2	2,4-Dichlorophenol	C2894-242	0.98	ND	ug/L	U
105-67-9	2,4-Dimethylphenol	C2894-242	1.03	ND	ug/L	U
51-28-5	2,4-Dinitrophenol	C2894-242	4.51	ND	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2894-242	0.62	ND	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2894-242	0.98	ND	ug/L	U
91-58-7	2-Chloronaphthalene	C2894-242	0.92	ND	ug/L	U
95-57-8	2-Chlorophenol	C2894-242	0.63	ND	ug/L	U
91-57-6	2-Methylnaphthalene	C2894-242	0.82	ND	ug/L	U
95-48-7	2-Methylphenol	C2894-242	0.50	ND	ug/L	U
88-74-4	2-Nitroaniline	C2894-242	0.77	ND	ug/L	U
88-75-5	2-Nitrophenol	C2894-242	1.03	ND	ug/L	U
106-44-5	3+4-Methylphenol	C2894-242	0.17	ND	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2894-242	0.68	ND	ug/L	U
99-09-2	3-Nitroaniline	C2894-242	0.60	ND	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	C2894-242	0.82	ND	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	C2894-242	0.85	ND	ug/L	U
59-50-7	4-Chloro-3-methylphenol	C2894-242	0.53	ND	ug/L	U
106-47-8	4-Chloroaniline	C2894-242	0.47	ND	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	C2894-242	0.92	ND	ug/L	U
100-01-6	4-Nitroaniline	C2894-242	1.07	ND	ug/L	U
100-02-7	4-Nitrophenol	C2894-242	2.04	ND	ug/L	U
83-32-9	Acenaphthene	C2894-242	1.02	ND	ug/L	U
208-96-8	Acenaphthylene	C2894-242	0.93	ND	ug/L	U
62-53-3	Aniline	C2894-242	0.23	ND	ug/L	U

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-12-7	Anthracene	C2894-242	0.84	ND	ug/L	U
92-87-5	Benzidine	C2894-242	28.5	ND	ug/L	U
56-55-3	Benzo(a)anthracene	C2894-242	1.03	ND	ug/L	U
50-32-8	Benzo(a)pyrene	C2894-242	0.91	ND	ug/L	U
205-99-2	Benzo(b)fluoranthene	C2894-242	0.92	ND	ug/L	U
191-24-2	Benzo(g,h,i)perylene	C2894-242	1.05	ND	ug/L	U
207-08-9	Benzo(k)fluoranthene	C2894-242	1.00	ND	ug/L	U
65-85-0	Benzoic acid	C2894-242	10.3	ND	ug/L	U
100-51-6	Benzyl alcohol	C2894-242	0.48	ND	ug/L	U
85-68-7	Butyl benzyl phthalate	C2894-242	1.33	ND	ug/L	U
86-74-8	Carbazole	C2894-242	1.08	ND	ug/L	U
218-01-9	Chrysene	C2894-242	0.95	ND	ug/L	U
	Cresols	C2894-242	0.67	ND	ug/L	U
84-74-2	Di-n-butyl phthalate	C2894-242	0.97	ND	ug/L	U
117-84-0	Di-n-octyl phthalate	C2894-242	1.11	ND	ug/L	U
53-70-3	Dibenz(a,h)anthracene	C2894-242	0.87	ND	ug/L	U
132-64-9	Dibenzofuran	C2894-242	0.80	ND	ug/L	U
84-66-2	Diethyl phthalate	C2894-242	1.07	ND	ug/L	U
131-11-3	Dimethyl phthalate	C2894-242	1.02	ND	ug/L	U
206-44-0	Fluoranthene	C2894-242	0.86	ND	ug/L	U
86-73-7	Fluorene	C2894-242	0.91	ND	ug/L	U
118-74-1	Hexachlorobenzene	C2894-242	0.73	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C2894-242	1.05	ND	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2894-242	0.38	ND	ug/L	U
67-72-1	Hexachloroethane	C2894-242	0.99	ND	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2894-242	0.95	ND	ug/L	U
78-59-1	Isophorone	C2894-242	0.70	ND	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	C2894-242	0.74	ND	ug/L	U
62-75-9	N-Nitrosodimethylamine	C2894-242	0.73	ND	ug/L	U
86-30-6	N-Nitrosodiphenylamine	C2894-242	1.10	ND	ug/L	U
91-20-3	Naphthalene	C2894-242	0.87	ND	ug/L	U
98-95-3	Nitrobenzene	C2894-242	0.91	ND	ug/L	U

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Semivolatile Compounds - EPA 8270C

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/13/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
87-86-5	Pentachlorophenol	C2894-242	0.81	ND	ug/L	U
85-01-8	Phenanthrene	C2894-242	0.90	ND	ug/L	U
108-95-2	Phenol	C2894-242	0.25	ND	ug/L	U
129-00-0	Pyrene	C2894-242	1.01	ND	ug/L	U
110-86-1	Pyridine	C2894-242	0.37	ND	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	C2894-242	0.95	ND	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	C2894-242	0.57	ND	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	C2894-242	0.77	ND	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2894-242	1.44	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2894-242	66.9 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	C2894-242	47.5 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	C2894-242	22.9 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	C2894-242	48.3 %	(35 - 114)	
13127-88-3	PHENOL-D6	C2894-242	14.9 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	C2894-242	73.9 %	(33 - 141)	

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PCB Aroclors by SW846 8082/EPA 608

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/15/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
12674-11-2	PCB 1016	K1430-18	0.074	ND	ug/L	U
11104-28-2	PCB 1221	K1430-18	0.090	ND	ug/L	U
11141-16-5	PCB 1232	K1430-18	0.090	ND	ug/L	U
53469-21-9	PCB 1242	K1430-18	0.090	ND	ug/L	U
12672-29-6	PCB 1248	K1430-18	0.090	ND	ug/L	U
11097-69-1	PCB 1254	K1430-18	0.090	ND	ug/L	U
11096-82-5	PCB 1260	K1430-18	0.10	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1430-18	31.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1430-18	33.5 %	(30 - 150)	

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PCB Aroclors by SW846 8082/EPA 608

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/15/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
12674-11-2	PCB 1016	K1430-19	0.074	ND	ug/L	U
11104-28-2	PCB 1221	K1430-19	0.090	ND	ug/L	U
11141-16-5	PCB 1232	K1430-19	0.090	ND	ug/L	U
53469-21-9	PCB 1242	K1430-19	0.090	ND	ug/L	U
12672-29-6	PCB 1248	K1430-19	0.090	ND	ug/L	U
11097-69-1	PCB 1254	K1430-19	0.090	ND	ug/L	U
11096-82-5	PCB 1260	K1430-19	0.10	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1430-19	34.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1430-19	46.3 %	(30 - 150)	

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8/22/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/15/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
12674-11-2	PCB 1016	K1430-20	0.074	ND	ug/L	U
11104-28-2	PCB 1221	K1430-20	0.090	ND	ug/L	U
11141-16-5	PCB 1232	K1430-20	0.090	ND	ug/L	U
53469-21-9	PCB 1242	K1430-20	0.090	ND	ug/L	U
12672-29-6	PCB 1248	K1430-20	0.090	ND	ug/L	U
11097-69-1	PCB 1254	K1430-20	0.090	ND	ug/L	U
11096-82-5	PCB 1260	K1430-20	0.10	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1430-20	42.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1430-20	43.9 %	(30 - 150)	

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8/22/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/16/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
319-84-6	alpha-BHC	L1374-5	0.00092	ND	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1374-5	0.00089	ND	ug/L	U
319-85-7	beta-BHC	L1374-5	0.0015	ND	ug/L	U
319-86-8	delta-BHC	L1374-5	0.0013	ND	ug/L	U
76-44-8	Heptachlor	L1374-5	0.0012	ND	ug/L	U
309-00-2	Aldrin	L1374-5	0.0011	ND	ug/L	U
1024-57-3	Heptachlor epoxide	L1374-5	0.0013	ND	ug/L	U
5103-74-2	gamma-Chlordane	L1374-5	0.0013	ND	ug/L	U
5103-71-9	alpha-Chlordane	L1374-5	0.0012	ND	ug/L	U
72-55-9	4,4'-DDE	L1374-5	0.0015	ND	ug/L	U
959-98-8	Endosulfan I	L1374-5	0.0013	ND	ug/L	U
60-57-1	Dieldrin	L1374-5	0.0011	ND	ug/L	U
72-20-8	Endrin	L1374-5	0.0014	ND	ug/L	U
72-54-8	4,4'-DDD	L1374-5	0.0013	ND	ug/L	U
33213-65-9	Endosulfan II	L1374-5	0.0015	ND	ug/L	U
50-29-3	4,4'-DDT	L1374-5	0.0014	ND	ug/L	U
1031-07-8	Endosulfan sulfate	L1374-5	0.0014	ND	ug/L	U
7421-36-3	Endrin Aldehyde	L1374-5	0.0010	ND	ug/L	U
72-43-5	Methoxychlor	L1374-5	0.0014	ND	ug/L	U
53494-70-5	Endrin ketone	L1374-5	0.0014	ND	ug/L	U
8001-35-2	Toxaphene	L1374-5	0.39	ND	ug/L	U
57-74-9	Chlordane	L1374-5	0.12	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1374-5	49.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1374-5	39.4 %	(30 - 150)	

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Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/16/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
319-84-6	alpha-BHC	L1374-6	0.00092	ND	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1374-6	0.00089	ND	ug/L	U
319-85-7	beta-BHC	L1374-6	0.0015	ND	ug/L	U
319-86-8	delta-BHC	L1374-6	0.0013	ND	ug/L	U
76-44-8	Heptachlor	L1374-6	0.0012	ND	ug/L	U
309-00-2	Aldrin	L1374-6	0.0011	ND	ug/L	U
1024-57-3	Heptachlor epoxide	L1374-6	0.0013	ND	ug/L	U
5103-74-2	gamma-Chlordane	L1374-6	0.0013	ND	ug/L	U
5103-71-9	alpha-Chlordane	L1374-6	0.0012	ND	ug/L	U
72-55-9	4,4'-DDE	L1374-6	0.0015	ND	ug/L	U
959-98-8	Endosulfan I	L1374-6	0.0013	ND	ug/L	U
60-57-1	Dieldrin	L1374-6	0.0011	ND	ug/L	U
72-20-8	Endrin	L1374-6	0.0014	ND	ug/L	U
72-54-8	4,4'-DDD	L1374-6	0.0013	ND	ug/L	U
33213-65-9	Endosulfan II	L1374-6	0.0015	ND	ug/L	U
50-29-3	4,4'-DDT	L1374-6	0.0014	ND	ug/L	U
1031-07-8	Endosulfan sulfate	L1374-6	0.0014	ND	ug/L	U
7421-36-3	Endrin Aldehyde	L1374-6	0.0010	ND	ug/L	U
72-43-5	Methoxychlor	L1374-6	0.0014	ND	ug/L	U
53494-70-5	Endrin ketone	L1374-6	0.0014	ND	ug/L	U
8001-35-2	Toxaphene	L1374-6	0.39	ND	ug/L	U
57-74-9	Chlordane	L1374-6	0.12	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1374-6	54.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1374-6	48.8 %	(30 - 150)	

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8/22/2012

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/16/2012
Preparation Date(s) : 8/15/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
319-84-6	alpha-BHC	L1374-7	0.00092	ND	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1374-7	0.00089	ND	ug/L	U
319-85-7	beta-BHC	L1374-7	0.0015	ND	ug/L	U
319-86-8	delta-BHC	L1374-7	0.0013	ND	ug/L	U
76-44-8	Heptachlor	L1374-7	0.0012	ND	ug/L	U
309-00-2	Aldrin	L1374-7	0.0011	ND	ug/L	U
1024-57-3	Heptachlor epoxide	L1374-7	0.0013	ND	ug/L	U
5103-74-2	gamma-Chlordane	L1374-7	0.0013	ND	ug/L	U
5103-71-9	alpha-Chlordane	L1374-7	0.0012	ND	ug/L	U
72-55-9	4,4'-DDE	L1374-7	0.0015	ND	ug/L	U
959-98-8	Endosulfan I	L1374-7	0.0013	ND	ug/L	U
60-57-1	Dieldrin	L1374-7	0.0011	ND	ug/L	U
72-20-8	Endrin	L1374-7	0.0014	ND	ug/L	U
72-54-8	4,4'-DDD	L1374-7	0.0013	ND	ug/L	U
33213-65-9	Endosulfan II	L1374-7	0.0015	ND	ug/L	U
50-29-3	4,4'-DDT	L1374-7	0.0014	ND	ug/L	U
1031-07-8	Endosulfan sulfate	L1374-7	0.0014	ND	ug/L	U
7421-36-3	Endrin Aldehyde	L1374-7	0.0010	ND	ug/L	U
72-43-5	Methoxychlor	L1374-7	0.0014	ND	ug/L	U
53494-70-5	Endrin ketone	L1374-7	0.0014	ND	ug/L	U
8001-35-2	Toxaphene	L1374-7	0.39	ND	ug/L	U
57-74-9	Chlordane	L1374-7	0.12	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1374-7	36.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1374-7	50.7 %	(30 - 150)	

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8/22/2012

Dissolved Mercury by SW846 7470/7471/245.1

Sample: 1208129-4
Client Sample ID: MW-1 (filtered) Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000020	**0.000054**	mg/L	

Sample: 1208129-5
Client Sample ID: MW-2 (filtered) Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000020	**0.000057**	mg/L	

Sample: 1208129-6
Client Sample ID: MW-3 (filtered) Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000040	**0.00013**	mg/L	

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8/22/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000020	**0.000085**	mg/L	

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000020	**0.000085**	mg/L	

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000020	**0.00018**	mg/L	

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8/22/2012

TAL Metals by SW846 6010

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.025	**1.68**	mg/L	
7440-36-0	Antimony	0.0090	ND	mg/L	U
7440-38-2	Arsenic	0.0038	ND	mg/L	U
7440-39-3	Barium	0.0010	**0.13**	mg/L	
7440-41-7	Beryllium	0.0010	ND	mg/L	U
7440-43-9	Cadmium	0.00040	ND	mg/L	U
7440-70-2	Calcium	0.014	**102**	mg/L	
7440-47-3	Chromium	0.0012	**0.013**	mg/L	
7440-48-4	Cobalt	0.00074	**0.0031**	mg/L	
7440-50-8	Copper	0.0034	**0.016**	mg/L	
7439-89-6	Iron	0.029	**2.53**	mg/L	
7439-92-1	Lead	0.0023	**0.022**	mg/L	
7439-95-4	Magnesium	0.051	**29.1**	mg/L	
7439-96-5	Manganese	0.0012	**1.30**	mg/L	
7440-02-0	Nickel	0.0014	**0.012**	mg/L	
7440-09-7	Potassium	0.065	**6.87**	mg/L	
7782-49-2	Selenium	0.0064	ND	mg/L	U
7440-22-4	Silver	0.00066	**0.051**	mg/L	
7440-23-5	Sodium	0.032	**171**	mg/L	
7440-28-0	Thallium	0.0050	ND	mg/L	U
7440-62-2	Vanadium	0.00067	**0.0044**	mg/L	
7440-66-6	Zinc	0.0063	**0.056**	mg/L	

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8/22/2012

TAL Metals by SW846 6010

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.025	**0.34**	mg/L	
7440-36-0	Antimony	0.0090	ND	mg/L	U
7440-38-2	Arsenic	0.0038	ND	mg/L	U
7440-39-3	Barium	0.0010	**0.025**	mg/L	
7440-41-7	Beryllium	0.0010	ND	mg/L	U
7440-43-9	Cadmium	0.00040	ND	mg/L	U
7440-70-2	Calcium	0.014	**37.4**	mg/L	
7440-47-3	Chromium	0.0012	**0.0024**	mg/L	
7440-48-4	Cobalt	0.00074	**0.0018**	mg/L	
7440-50-8	Copper	0.0034	**0.0081**	mg/L	
7439-89-6	Iron	0.029	**0.50**	mg/L	
7439-92-1	Lead	0.0023	**0.0064**	mg/L	
7439-95-4	Magnesium	0.051	**15.7**	mg/L	
7439-96-5	Manganese	0.0012	**0.56**	mg/L	
7440-02-0	Nickel	0.0014	**0.0048**	mg/L	
7440-09-7	Potassium	0.065	**1.58**	mg/L	
7782-49-2	Selenium	0.0064	ND	mg/L	U
7440-22-4	Silver	0.00066	**0.052**	mg/L	
7440-23-5	Sodium	0.032	**53.0**	mg/L	
7440-28-0	Thallium	0.0050	ND	mg/L	U
7440-62-2	Vanadium	0.00067	**0.0010**	mg/L	
7440-66-6	Zinc	0.0063	**0.028**	mg/L	

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8/22/2012

TAL Metals by SW846 6010

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.025	**2.33**	mg/L	
7440-36-0	Antimony	0.0090	ND	mg/L	U
7440-38-2	Arsenic	0.0038	**0.11**	mg/L	
7440-39-3	Barium	0.0010	**0.30**	mg/L	
7440-41-7	Beryllium	0.0010	ND	mg/L	U
7440-43-9	Cadmium	0.00040	**0.0067**	mg/L	
7440-70-2	Calcium	0.014	**756**	mg/L	E
7440-47-3	Chromium	0.0012	**0.012**	mg/L	
7440-48-4	Cobalt	0.00074	**0.35**	mg/L	
7440-50-8	Copper	0.0034	**0.048**	mg/L	
7439-89-6	Iron	0.029	**7.47**	mg/L	
7439-92-1	Lead	0.0023	**0.026**	mg/L	
7439-95-4	Magnesium	0.051	**97.6**	mg/L	
7439-96-5	Manganese	0.0012	**39.7**	mg/L	
7440-02-0	Nickel	0.0014	**0.21**	mg/L	
7440-09-7	Potassium	0.065	**33.1**	mg/L	
7782-49-2	Selenium	0.0064	ND	mg/L	U
7440-22-4	Silver	0.00066	**0.020**	mg/L	
7440-23-5	Sodium	0.032	**110**	mg/L	
7440-28-0	Thallium	0.0050	ND	mg/L	U
7440-62-2	Vanadium	0.00067	ND	mg/L	U
7440-66-6	Zinc	0.0063	**0.39**	mg/L	

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8/22/2012

TAL Metals, Dissolved by Method SW846 6010

Sample: 1208129-4
Client Sample ID: MW-1 (filtered) Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.025	**0.15**	mg/L	
7440-36-0	Antimony	0.0090	ND	mg/L	U
7440-38-2	Arsenic	0.0038	ND	mg/L	U
7440-39-3	Barium	0.0010	**0.096**	mg/L	
7440-41-7	Beryllium	0.0010	ND	mg/L	U
7440-43-9	Cadmium	0.00040	ND	mg/L	U
7440-70-2	Calcium	0.014	**96.8**	mg/L	
7440-47-3	Chromium	0.0012	**0.011**	mg/L	
7440-48-4	Cobalt	0.00074	**0.0014**	mg/L	
7440-50-8	Copper	0.0034	**0.018**	mg/L	
7439-89-6	Iron	0.029	**0.41**	mg/L	
7439-92-1	Lead	0.0023	**0.0095**	mg/L	
7439-95-4	Magnesium	0.051	**28.1**	mg/L	
7439-96-5	Manganese	0.0012	**1.11**	mg/L	
7440-02-0	Nickel	0.0014	**0.0083**	mg/L	
7440-09-7	Potassium	0.065	**6.50**	mg/L	
7782-49-2	Selenium	0.0064	ND	mg/L	U
7440-22-4	Silver	0.00066	**0.041**	mg/L	
7440-23-5	Sodium	0.032	**171**	mg/L	
7440-28-0	Thallium	0.0050	ND	mg/L	U
7440-62-2	Vanadium	0.00067	ND	mg/L	U
7440-66-6	Zinc	0.0063	**0.070**	mg/L	

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8/22/2012

TAL Metals, Dissolved by Method SW846 6010

Sample: 1208129-5
Client Sample ID: MW-2 (filtered) Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.025	**0.093**	mg/L	
7440-36-0	Antimony	0.0090	ND	mg/L	U
7440-38-2	Arsenic	0.0038	ND	mg/L	U
7440-39-3	Barium	0.0010	**0.058**	mg/L	
7440-41-7	Beryllium	0.0010	ND	mg/L	U
7440-43-9	Cadmium	0.00040	ND	mg/L	U
7440-70-2	Calcium	0.014	**123**	mg/L	
7440-47-3	Chromium	0.0012	**0.0033**	mg/L	
7440-48-4	Cobalt	0.00074	**0.0015**	mg/L	
7440-50-8	Copper	0.0034	**0.0091**	mg/L	
7439-89-6	Iron	0.029	**0.38**	mg/L	
7439-92-1	Lead	0.0023	**0.012**	mg/L	
7439-95-4	Magnesium	0.051	**49.3**	mg/L	
7439-96-5	Manganese	0.0012	**1.46**	mg/L	
7440-02-0	Nickel	0.0014	**0.0077**	mg/L	
7440-09-7	Potassium	0.065	**4.27**	mg/L	
7782-49-2	Selenium	0.0064	ND	mg/L	U
7440-22-4	Silver	0.00066	**0.039**	mg/L	
7440-23-5	Sodium	0.032	**177**	mg/L	
7440-28-0	Thallium	0.0050	ND	mg/L	U
7440-62-2	Vanadium	0.00067	ND	mg/L	U
7440-66-6	Zinc	0.0063	**0.065**	mg/L	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/22/2012

TAL Metals, Dissolved by Method SW846 6010

Sample: 1208129-6
Client Sample ID: MW-3 (filtered) Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012
Preparation Date(s) : 8/14/2012 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7429-90-5	Aluminum	0.051	**1.17**	mg/L	
7440-36-0	Antimony	0.018	ND	mg/L	U
7440-38-2	Arsenic	0.0076	ND	mg/L	U
7440-39-3	Barium	0.0020	**0.038**	mg/L	
7440-41-7	Beryllium	0.0020	ND	mg/L	U
7440-43-9	Cadmium	0.00080	ND	mg/L	U
7440-70-2	Calcium	0.028	**56.2**	mg/L	
7440-47-3	Chromium	0.0024	**0.013**	mg/L	
7440-48-4	Cobalt	0.0015	**0.0036**	mg/L	
7440-50-8	Copper	0.0067	**0.022**	mg/L	
7439-89-6	Iron	0.058	**1.31**	mg/L	
7439-92-1	Lead	0.0046	**0.014**	mg/L	
7439-95-4	Magnesium	0.10	**10.0**	mg/L	
7439-96-5	Manganese	0.0023	**0.084**	mg/L	
7440-02-0	Nickel	0.0028	**0.012**	mg/L	
7440-09-7	Potassium	0.13	**9.17**	mg/L	
7782-49-2	Selenium	0.013	ND	mg/L	U
7440-22-4	Silver	0.0013	**0.067**	mg/L	
7440-23-5	Sodium	0.063	**204**	mg/L	
7440-28-0	Thallium	0.010	ND	mg/L	U
7440-62-2	Vanadium	0.0013	**0.0048**	mg/L	
7440-66-6	Zinc	0.013	**0.090**	mg/L	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/22/2012

Total Cyanide by SM 4500-CN C

Sample: 1208129-1
Client Sample ID: MW-1 Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	ND	mg/L	U

Sample: 1208129-2
Client Sample ID: MW-2 Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	ND	mg/L	U

Sample: 1208129-3
Client Sample ID: MW-3 Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	**0.027**	mg/L	

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8/22/2012

Total Cyanide by SM 4500-CN C

Sample: 1208129-4
Client Sample ID: MW-1 (filtered) Collected: 8/9/2012 09:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	ND	mg/L	U

Sample: 1208129-5
Client Sample ID: MW-2 (filtered) Collected: 8/9/2012 10:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	ND	mg/L	U

Sample: 1208129-6
Client Sample ID: MW-3 (filtered) Collected: 8/9/2012 12:45
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 8/14/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
57-12-5	Cyanide	0.0070	ND	mg/L	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/22/2012

Case Narrative

625 Semi-Volatile Analysis:

All method 625 criteria met.

The method blank associated with these samples contained bis(2-ethylhexyl)phthalate at 1.77 ppb. This phthalate is common laboratory contaminant.

Surrogate Recovery:

Sample 1: Recovery for two acid and two base/neutral surrogates was lower than the QC control. Re-extraction was carried out obtaining same results. Strong matrix interference was observed.

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8/22/2012

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
P - ICP
T - Titrimetric

OTHER QUALIFIERS

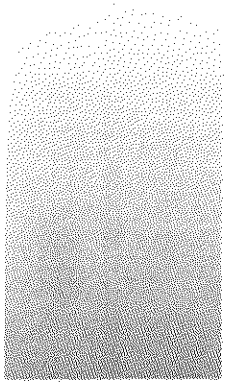
ND - Not Detected

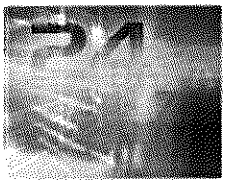
APPENDIX G

LABORATORY ANALYTICAL REPORT FOR SOIL VAPOR SAMPLES

New Jersey
ACCUTEST
LABORATORIES

08/15/12





Technical Report for

The Tyree Company

131 Berry Street, Brooklyn, NY

Accutest Job Number: JB12327

Sampling Date: 07/27/12

Report to:

Tyree Organization, LTD

jkeller@tyreeorg.com

ATTN: Justin Keller

Total number of pages in report: **22**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Paul Ioannidis
Lab Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

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Sample Summary

The Tyree Company

131 Berry Street, Brooklyn, NY

Job No: JB12327

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JB12327-1	07/27/12	10:55 MB	07/27/12	AIR	Soil Vapor Comp.	SVP-1
JB12327-2	07/27/12	11:04 MB	07/27/12	AIR	Soil Vapor Comp.	SVP-2
JB12327-3	07/27/12	11:09 MB	07/27/12	AIR	Soil Vapor Comp.	SVP-3

Summary of Hits

Job Number: JB12327
Account: The Tyree Company
Project: 131 Berry Street, Brooklyn, NY
Collected: 07/27/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB12327-1	SVP-1					
Acetone		30.5	0.80	0.15	ppbv	TO-15
Benzene		7.6	0.80	0.18	ppbv	TO-15
Carbon disulfide		3.9	0.80	0.13	ppbv	TO-15
Chloroform		0.55 J	0.80	0.11	ppbv	TO-15
Dichlorodifluoromethane		0.86	0.80	0.15	ppbv	TO-15
Ethanol		454	10	1.9	ppbv	TO-15
Ethylbenzene		1.5	0.80	0.12	ppbv	TO-15
Ethyl Acetate		10.1	0.80	0.24	ppbv	TO-15
4-Ethyltoluene		0.41 J	0.80	0.096	ppbv	TO-15
Heptane		1.1	0.80	0.13	ppbv	TO-15
Hexane		2.1	0.80	0.18	ppbv	TO-15
Isopropyl Alcohol		6.0	0.80	0.23	ppbv	TO-15
Methylene chloride		5.6	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone		4.2	0.80	0.19	ppbv	TO-15
Propylene		38.1	2.0	0.28	ppbv	TO-15
Styrene		0.92	0.80	0.11	ppbv	TO-15
1,2,4-Trimethylbenzene		1.3	0.80	0.096	ppbv	TO-15
1,3,5-Trimethylbenzene		0.47 J	0.80	0.11	ppbv	TO-15
Tertiary Butyl Alcohol		2.3	0.80	0.13	ppbv	TO-15
Tetrachloroethylene		351	0.80	0.57	ppbv	TO-15
Tetrahydrofuran		0.70 J	0.80	0.19	ppbv	TO-15
Toluene		9.1	0.80	0.16	ppbv	TO-15
Trichloroethylene		18.3	0.16	0.13	ppbv	TO-15
Trichlorofluoromethane		1.2	0.80	0.17	ppbv	TO-15
m,p-Xylene		4.0	0.80	0.12	ppbv	TO-15
o-Xylene		1.2	0.80	0.12	ppbv	TO-15
Xylenes (total)		5.2	0.80	0.12	ppbv	TO-15
Acetone		72.5	1.9	0.36	ug/m3	TO-15
Benzene		24	2.6	0.58	ug/m3	TO-15
Carbon disulfide		12	2.5	0.40	ug/m3	TO-15
Chloroform		2.7 J	3.9	0.54	ug/m3	TO-15
Dichlorodifluoromethane		4.3	4.0	0.74	ug/m3	TO-15
Ethanol		855	19	3.6	ug/m3	TO-15
Ethylbenzene		6.5	3.5	0.52	ug/m3	TO-15
Ethyl Acetate		36.4	2.9	0.86	ug/m3	TO-15
4-Ethyltoluene		2.0 J	3.9	0.47	ug/m3	TO-15
Heptane		4.5	3.3	0.53	ug/m3	TO-15
Hexane		7.4	2.8	0.63	ug/m3	TO-15
Isopropyl Alcohol		15	2.0	0.57	ug/m3	TO-15
Methylene chloride		19	2.8	0.38	ug/m3	TO-15
Methyl ethyl ketone		12	2.4	0.56	ug/m3	TO-15
Propylene		65.4	3.4	0.48	ug/m3	TO-15
Styrene		3.9	3.4	0.47	ug/m3	TO-15

Summary of Hits

Job Number: JB12327
Account: The Tyree Company
Project: 131 Berry Street, Brooklyn, NY
Collected: 07/27/12

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
1,2,4-Trimethylbenzene	6.4	3.9	0.47	ug/m3	TO-15
1,3,5-Trimethylbenzene	2.3 J	3.9	0.54	ug/m3	TO-15
Tertiary Butyl Alcohol	7.0	2.4	0.39	ug/m3	TO-15
Tetrachloroethylene	2380	5.4	3.9	ug/m3	TO-15
Tetrahydrofuran	2.1 J	2.4	0.56	ug/m3	TO-15
Toluene	34	3.0	0.60	ug/m3	TO-15
Trichloroethylene	98.3	0.86	0.70	ug/m3	TO-15
Trichlorofluoromethane	6.7	4.5	0.96	ug/m3	TO-15
m,p-Xylene	17	3.5	0.52	ug/m3	TO-15
o-Xylene	5.2	3.5	0.52	ug/m3	TO-15
Xylenes (total)	23	3.5	0.52	ug/m3	TO-15
JB12327-2 SVP-2					
Acetone	33.9	0.80	0.15	ppbv	TO-15
Benzene	10.4	0.80	0.18	ppbv	TO-15
Carbon disulfide	18.3	0.80	0.13	ppbv	TO-15
Chloroform	0.74 J	0.80	0.11	ppbv	TO-15
Chloromethane	1.3	0.80	0.15	ppbv	TO-15
Dichlorodifluoromethane	0.63 J	0.80	0.15	ppbv	TO-15
Ethanol	50.2	2.0	0.38	ppbv	TO-15
Ethylbenzene	1.6	0.80	0.12	ppbv	TO-15
Ethyl Acetate	6.9	0.80	0.24	ppbv	TO-15
4-Ethyltoluene	0.54 J	0.80	0.096	ppbv	TO-15
Heptane	3.9	0.80	0.13	ppbv	TO-15
Hexane	6.6	0.80	0.18	ppbv	TO-15
Isopropyl Alcohol	4.2	0.80	0.23	ppbv	TO-15
Methylene chloride	5.0	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone	4.0	0.80	0.19	ppbv	TO-15
Propylene	441	10	1.4	ppbv	TO-15
Styrene	0.84	0.80	0.11	ppbv	TO-15
1,2,4-Trimethylbenzene	1.5	0.80	0.096	ppbv	TO-15
1,3,5-Trimethylbenzene	0.47 J	0.80	0.11	ppbv	TO-15
2,2,4-Trimethylpentane	1.3	0.80	0.11	ppbv	TO-15
Tertiary Butyl Alcohol	1.6	0.80	0.13	ppbv	TO-15
Tetrachloroethylene	32.6	0.16	0.11	ppbv	TO-15
Tetrahydrofuran	0.81	0.80	0.19	ppbv	TO-15
Toluene	9.9	0.80	0.16	ppbv	TO-15
Trichloroethylene	0.72	0.16	0.13	ppbv	TO-15
Trichlorofluoromethane	0.49 J	0.80	0.17	ppbv	TO-15
m,p-Xylene	4.2	0.80	0.12	ppbv	TO-15
o-Xylene	1.2	0.80	0.12	ppbv	TO-15
Xylenes (total)	5.5	0.80	0.12	ppbv	TO-15
Acetone	80.5	1.9	0.36	ug/m3	TO-15
Benzene	33.2	2.6	0.58	ug/m3	TO-15

2

Summary of Hits

Job Number: JB12327
Account: The Tyree Company
Project: 131 Berry Street, Brooklyn, NY
Collected: 07/27/12

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Carbon disulfide	57.0	2.5	0.40	ug/m3	TO-15
Chloroform	3.6 J	3.9	0.54	ug/m3	TO-15
Chloromethane	2.7	1.7	0.31	ug/m3	TO-15
Dichlorodifluoromethane	3.1 J	4.0	0.74	ug/m3	TO-15
Ethanol	94.6	3.8	0.72	ug/m3	TO-15
Ethylbenzene	6.9	3.5	0.52	ug/m3	TO-15
Ethyl Acetate	25	2.9	0.86	ug/m3	TO-15
4-Ethyltoluene	2.7 J	3.9	0.47	ug/m3	TO-15
Heptane	16	3.3	0.53	ug/m3	TO-15
Hexane	23	2.8	0.63	ug/m3	TO-15
Isopropyl Alcohol	10	2.0	0.57	ug/m3	TO-15
Methylene chloride	17	2.8	0.38	ug/m3	TO-15
Methyl ethyl ketone	12	2.4	0.56	ug/m3	TO-15
Propylene	758	17	2.4	ug/m3	TO-15
Styrene	3.6	3.4	0.47	ug/m3	TO-15
1,2,4-Trimethylbenzene	7.4	3.9	0.47	ug/m3	TO-15
1,3,5-Trimethylbenzene	2.3 J	3.9	0.54	ug/m3	TO-15
2,2,4-Trimethylpentane	6.1	3.7	0.51	ug/m3	TO-15
Tertiary Butyl Alcohol	4.9	2.4	0.39	ug/m3	TO-15
Tetrachloroethylene	221	1.1	0.75	ug/m3	TO-15
Tetrahydrofuran	2.4	2.4	0.56	ug/m3	TO-15
Toluene	37	3.0	0.60	ug/m3	TO-15
Trichloroethylene	3.9	0.86	0.70	ug/m3	TO-15
Trichlorofluoromethane	2.8 J	4.5	0.96	ug/m3	TO-15
m,p-Xylene	18	3.5	0.52	ug/m3	TO-15
o-Xylene	5.2	3.5	0.52	ug/m3	TO-15
Xylenes (total)	24	3.5	0.52	ug/m3	TO-15
JB12327-3 SVP-3					
Acetone	45.7	0.80	0.15	ppbv	TO-15
Benzene	40.7	0.80	0.18	ppbv	TO-15
Carbon disulfide	11.2	0.80	0.13	ppbv	TO-15
Chloromethane	0.98	0.80	0.15	ppbv	TO-15
Dichlorodifluoromethane	0.95	0.80	0.15	ppbv	TO-15
Ethanol	17.2	2.0	0.38	ppbv	TO-15
Ethylbenzene	1.8	0.80	0.12	ppbv	TO-15
Ethyl Acetate	5.8	0.80	0.24	ppbv	TO-15
4-Ethyltoluene	0.47 J	0.80	0.096	ppbv	TO-15
Heptane	9.4	0.80	0.13	ppbv	TO-15
Hexane	15.4	0.80	0.18	ppbv	TO-15
Isopropyl Alcohol	4.0	0.80	0.23	ppbv	TO-15
Methylene chloride	4.1	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone	6.2	0.80	0.19	ppbv	TO-15
Propylene	1140	26	3.6	ppbv	TO-15

2

Summary of Hits

Job Number: JB12327
Account: The Tyree Company
Project: 131 Berry Street, Brooklyn, NY
Collected: 07/27/12

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Styrene	1.8	0.80	0.11	ppbv	TO-15
1,2,4-Trimethylbenzene	1.4	0.80	0.096	ppbv	TO-15
1,3,5-Trimethylbenzene	0.44 J	0.80	0.11	ppbv	TO-15
2,2,4-Trimethylpentane	1.4	0.80	0.11	ppbv	TO-15
Tetrachloroethylene	15.6	0.16	0.11	ppbv	TO-15
Toluene	11.5	0.80	0.16	ppbv	TO-15
Trichloroethylene	1.1	0.16	0.13	ppbv	TO-15
Trichlorofluoromethane	0.51 J	0.80	0.17	ppbv	TO-15
m,p-Xylene	4.3	0.80	0.12	ppbv	TO-15
o-Xylene	1.5	0.80	0.12	ppbv	TO-15
Xylenes (total)	5.8	0.80	0.12	ppbv	TO-15
Acetone	109	1.9	0.36	ug/m3	TO-15
Benzene	130	2.6	0.58	ug/m3	TO-15
Carbon disulfide	34.9	2.5	0.40	ug/m3	TO-15
Chloromethane	2.0	1.7	0.31	ug/m3	TO-15
Dichlorodifluoromethane	4.7	4.0	0.74	ug/m3	TO-15
Ethanol	32.4	3.8	0.72	ug/m3	TO-15
Ethylbenzene	7.8	3.5	0.52	ug/m3	TO-15
Ethyl Acetate	21	2.9	0.86	ug/m3	TO-15
4-Ethyltoluene	2.3 J	3.9	0.47	ug/m3	TO-15
Heptane	39	3.3	0.53	ug/m3	TO-15
Hexane	54.3	2.8	0.63	ug/m3	TO-15
Isopropyl Alcohol	9.8	2.0	0.57	ug/m3	TO-15
Methylene chloride	14	2.8	0.38	ug/m3	TO-15
Methyl ethyl ketone	18	2.4	0.56	ug/m3	TO-15
Propylene	1960	45	6.2	ug/m3	TO-15
Styrene	7.7	3.4	0.47	ug/m3	TO-15
1,2,4-Trimethylbenzene	6.9	3.9	0.47	ug/m3	TO-15
1,3,5-Trimethylbenzene	2.2 J	3.9	0.54	ug/m3	TO-15
2,2,4-Trimethylpentane	6.5	3.7	0.51	ug/m3	TO-15
Tetrachloroethylene	106	1.1	0.75	ug/m3	TO-15
Toluene	43.3	3.0	0.60	ug/m3	TO-15
Trichloroethylene	5.9	0.86	0.70	ug/m3	TO-15
Trichlorofluoromethane	2.9 J	4.5	0.96	ug/m3	TO-15
m,p-Xylene	19	3.5	0.52	ug/m3	TO-15
o-Xylene	6.5	3.5	0.52	ug/m3	TO-15
Xylenes (total)	25	3.5	0.52	ug/m3	TO-15

New Jersey
ACCUTEST
LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SVP-1		
Lab Sample ID:	JB12327-1	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1019	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W37683.D	1	08/01/12	YMH	n/a	n/a	VW1526
Run #2	W37707.D	1	08/01/12	YMH	n/a	n/a	VW1527

	Initial Volume
Run #1	100 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	30.5	0.80	0.15	ppbv		72.5	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	7.6	0.80	0.18	ppbv		24	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	3.9	0.80	0.13	ppbv		12	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	0.55	0.80	0.11	ppbv	J	2.7	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.86	0.80	0.15	ppbv		4.3	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-1		
Lab Sample ID:	JB12327-1	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1019	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	454 [a]	10	1.9	ppbv		855 [a]	19	ug/m3
100-41-4	106.2	Ethylbenzene	1.5	0.80	0.12	ppbv		6.5	3.5	ug/m3
141-78-6	88	Ethyl Acetate	10.1	0.80	0.24	ppbv		36.4	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.41	0.80	0.096	ppbv	J	2.0	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	1.1	0.80	0.13	ppbv		4.5	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	2.1	0.80	0.18	ppbv		7.4	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	6.0	0.80	0.23	ppbv		15	2.0	ug/m3
75-09-2	84.94	Methylene chloride	5.6	0.80	0.11	ppbv		19	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	4.2	0.80	0.19	ppbv		12	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.14	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	38.1	2.0	0.28	ppbv		65.4	3.4	ug/m3
100-42-5	104.1	Styrene	0.92	0.80	0.11	ppbv		3.9	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.3	0.80	0.096	ppbv		6.4	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.47	0.80	0.11	ppbv	J	2.3	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.3	0.80	0.13	ppbv		7.0	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	351 [a]	0.80	0.57	ppbv		2380 [a]	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.70	0.80	0.19	ppbv	J	2.1	2.4	ug/m3
108-88-3	92.14	Toluene	9.1	0.80	0.16	ppbv		34	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	18.3	0.16	0.13	ppbv		98.3	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	1.2	0.80	0.17	ppbv		6.7	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	4.0	0.80	0.12	ppbv		17	3.5	ug/m3
95-47-6	106.2	o-Xylene	1.2	0.80	0.12	ppbv		5.2	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	5.2	0.80	0.12	ppbv		23	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%	87%	65-128%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-1		
Lab Sample ID:	JB12327-1	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1019	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-2		
Lab Sample ID:	JB12327-2	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A231	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W37684.D	1	08/01/12	YMH	n/a	n/a	VW1526
Run #2	W37708.D	1	08/02/12	YMH	n/a	n/a	VW1527

	Initial Volume
Run #1	100 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	33.9	0.80	0.15	ppbv		80.5	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	10.4	0.80	0.18	ppbv		33.2	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	18.3	0.80	0.13	ppbv		57.0	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	0.74	0.80	0.11	ppbv	J	3.6	3.9	ug/m3
74-87-3	50.49	Chloromethane	1.3	0.80	0.15	ppbv		2.7	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.63	0.80	0.15	ppbv	J	3.1	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-2		
Lab Sample ID:	JB12327-2	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A231	Date Received:	07/27/12
Method:	TO-15	Per cent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	50.2	2.0	0.38	ppbv		94.6	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	1.6	0.80	0.12	ppbv		6.9	3.5	ug/m3
141-78-6	88	Ethyl Acetate	6.9	0.80	0.24	ppbv		25	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.54	0.80	0.096	ppbv	J	2.7	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	3.9	0.80	0.13	ppbv		16	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	6.6	0.80	0.18	ppbv		23	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	4.2	0.80	0.23	ppbv		10	2.0	ug/m3
75-09-2	84.94	Methylene chloride	5.0	0.80	0.11	ppbv		17	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	4.0	0.80	0.19	ppbv		12	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.14	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	441 [a]	10	1.4	ppbv		758 [a]	17	ug/m3
100-42-5	104.1	Styrene	0.84	0.80	0.11	ppbv		3.6	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.5	0.80	0.096	ppbv		7.4	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.47	0.80	0.11	ppbv	J	2.3	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.3	0.80	0.11	ppbv		6.1	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.6	0.80	0.13	ppbv		4.9	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	32.6	0.16	0.11	ppbv		221	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.81	0.80	0.19	ppbv		2.4	2.4	ug/m3
108-88-3	92.14	Toluene	9.9	0.80	0.16	ppbv		37	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	0.72	0.16	0.13	ppbv		3.9	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.49	0.80	0.17	ppbv	J	2.8	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	4.2	0.80	0.12	ppbv		18	3.5	ug/m3
95-47-6	106.2	o-Xylene	1.2	0.80	0.12	ppbv		5.2	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	5.5	0.80	0.12	ppbv		24	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%	88%	65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-2		
Lab Sample ID:	JB12327-2	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A231	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-3		
Lab Sample ID:	JB12327-3	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A654,A492	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W37685.D	1	08/01/12	YMH	n/a	n/a	VW1526
Run #2	W37709.D	26	08/02/12	YMH	n/a	n/a	VW1527

	Initial Volume
Run #1	100 ml
Run #2	200 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	45.7	0.80	0.15	ppbv		109	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	40.7	0.80	0.18	ppbv		130	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	11.2	0.80	0.13	ppbv		34.9	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	0.98	0.80	0.15	ppbv		2.0	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.95	0.80	0.15	ppbv		4.7	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-3		
Lab Sample ID:	JB12327-3	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A654,A492	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	17.2	2.0	0.38	ppbv		32.4	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	1.8	0.80	0.12	ppbv		7.8	3.5	ug/m3
141-78-6	88	Ethyl Acetate	5.8	0.80	0.24	ppbv		21	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.47	0.80	0.096	ppbv	J	2.3	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	9.4	0.80	0.13	ppbv		39	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	15.4	0.80	0.18	ppbv		54.3	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	4.0	0.80	0.23	ppbv		9.8	2.0	ug/m3
75-09-2	84.94	Methylene chloride	4.1	0.80	0.11	ppbv		14	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	6.2	0.80	0.19	ppbv		18	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.14	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	1140 [a]	26	3.6	ppbv		1960 [a]	45	ug/m3
100-42-5	104.1	Styrene	1.8	0.80	0.11	ppbv		7.7	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.4	0.80	0.096	ppbv		6.9	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.44	0.80	0.11	ppbv	J	2.2	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.4	0.80	0.11	ppbv		6.5	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.13	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	15.6	0.16	0.11	ppbv		106	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	11.5	0.80	0.16	ppbv		43.3	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	1.1	0.16	0.13	ppbv		5.9	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.51	0.80	0.17	ppbv	J	2.9	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	4.3	0.80	0.12	ppbv		19	3.5	ug/m3
95-47-6	106.2	o-Xylene	1.5	0.80	0.12	ppbv		6.5	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	5.8	0.80	0.12	ppbv		25	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	85%	65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVP-3		
Lab Sample ID:	JB12327-3	Date Sampled:	07/27/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A654,A492	Date Received:	07/27/12
Method:	TO-15	Percent Solids:	n/a
Project:	131 Berry Street, Brooklyn, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey
ACCUTEST
LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

ACCUTEST. LABORATORIES

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking #
Bottle Order Control # KM 7/25/2012-15
Lab Quote #
Lab Job # JB12327

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Client / Reporting Information

Company Name: Tyree
Address: 208 Route 109
City: Farmingdale State: NY Zip: 11735
Project Contact: Matt Boechel E-mail: mboechel@tyreecorp.com
Phone #: 631-249-3550 Fax #: 249-3281
Sampler(s) Name(s): Matt Boechel

Project Name: Berry Street
Street: 131 Berry Street
City: Brooklyn State: NY
Project #:
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 82° Maximum:
Stop: 82° Minimum:

Atmospheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:

Other weather comment:

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.
-1	SVP-1	SV	A1019	6	FC386	7/27/12	0855	29.5	82°	MB	7/27/12	1055	7	82°	MB
-2	SVP-2	SV	A231	6	FC170	7/27/12	0904	29.5	82°	MB	7/27/12	1104	6	82°	MB
-3	SVP-3	SV	A654	6	FC511	7/27/12	0909	30	82°	MB	7/27/12	1109	6	82°	MB

Turnaround Time (Business Days)

Standard - 15 Days
10 Day: X
5 Day
3 Day
2 Day
1 Day
Other

Approved By: MB
Date: 7/27/12

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A: X
Comm B
Reduced T2
Full T1
Other

Comments / Remarks

TO-15 Analysis

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date Time	Received by:	Relinquished by:	Date Time	Received by:
1 Chris Law	7/25/12 1800	1 Fedex	MB	7/27/12 1:10	2 Chris Law
3 Chris Law	7/27/12 0852	3 Taylor	4		4
5		5	Custody Seal #		

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JB12327: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB12327 Client: Project:

Date / Time Received: 7/27/2012 Delivery Method: Airbill #'s:

Cooler Temps (Initial/Adjusted):

Cooler Security	Y or N		Y or N
1. Custody Seals Present:	☑ ☐	3. COC Present:	☑ ☐
2. Custody Seals Intact:	☑ ☐	4. Smpl Dates/Time OK	☑ ☐

Cooler Temperature	Y or N
1. Temp criteria achieved:	☑ ☐
2. Cooler temp verification:	
3. Cooler media:	
4. No. Coolers:	0

Quality Control Preservation	Y	or N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y or N
1. Sample labels present on bottles:	☑ ☐
2. Container labeling complete:	☑ ☐
3. Sample container label / COC agree:	☑ ☐

Sample Integrity - Condition	Y or N
1. Sample recvd within HT:	☑ ☐
2. All containers accounted for:	☑ ☐
3. Condition of sample:	Intact

Sample Integrity - Instructions	Y	or N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V: 732.329.0200
2235 US Highway 130
F: 732.329.3499
Dayton, New Jersey
www.accutest.com

4.1 A

JB12327: Chain of Custody
Page 2 of 3

Job Change Order: JB12327_7/30/2012

Requested Date:	7/30/2012	**Received Date:**	7/27/2012
Account Name:	The Tyree Company	**Due Date:**	8/10/2012
Project	131 Berry Street, Brooklyn, NY	**Deliverable:**	COMMA
CSR:	KM	**TAT (Days):**	7

Sample #:
JB12327-All Samples

Change: Please revise TAT, and move due date to 8/3/12

Above Changes Per: Matt Boeckel

Date: 7/30/2012

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

4.1

JB12327: Chain of Custody
Page 3 of 3

ACCUTEST LABORATORIES
JB12327

Summa Canister and Flow Controller Log

Job Number: JB12327
Account: TYREENYF The Tyree Company
Project: 131 Berry Street, Brooklyn, NY
Received: 07/27/12

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SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A1019	6	29.4	07/25/12	HT	CP5533	W37137.D	JB12327-1	07/30/12	RC	7			1
A231	6	29.4	07/25/12	HT	CP5527	3W28861.D	JB12327-2	07/30/12	RC	7			1
A654	6	29.4	07/25/12	HT	CP5533	W37137.D	JB12327-3	07/30/12	RC	5			1

Accutest Bottle Order(s):
KM-7/25/2012-15

Prep Date	Room Temp(F)	Bar Pres "Hg
07/25/12	70	29.92